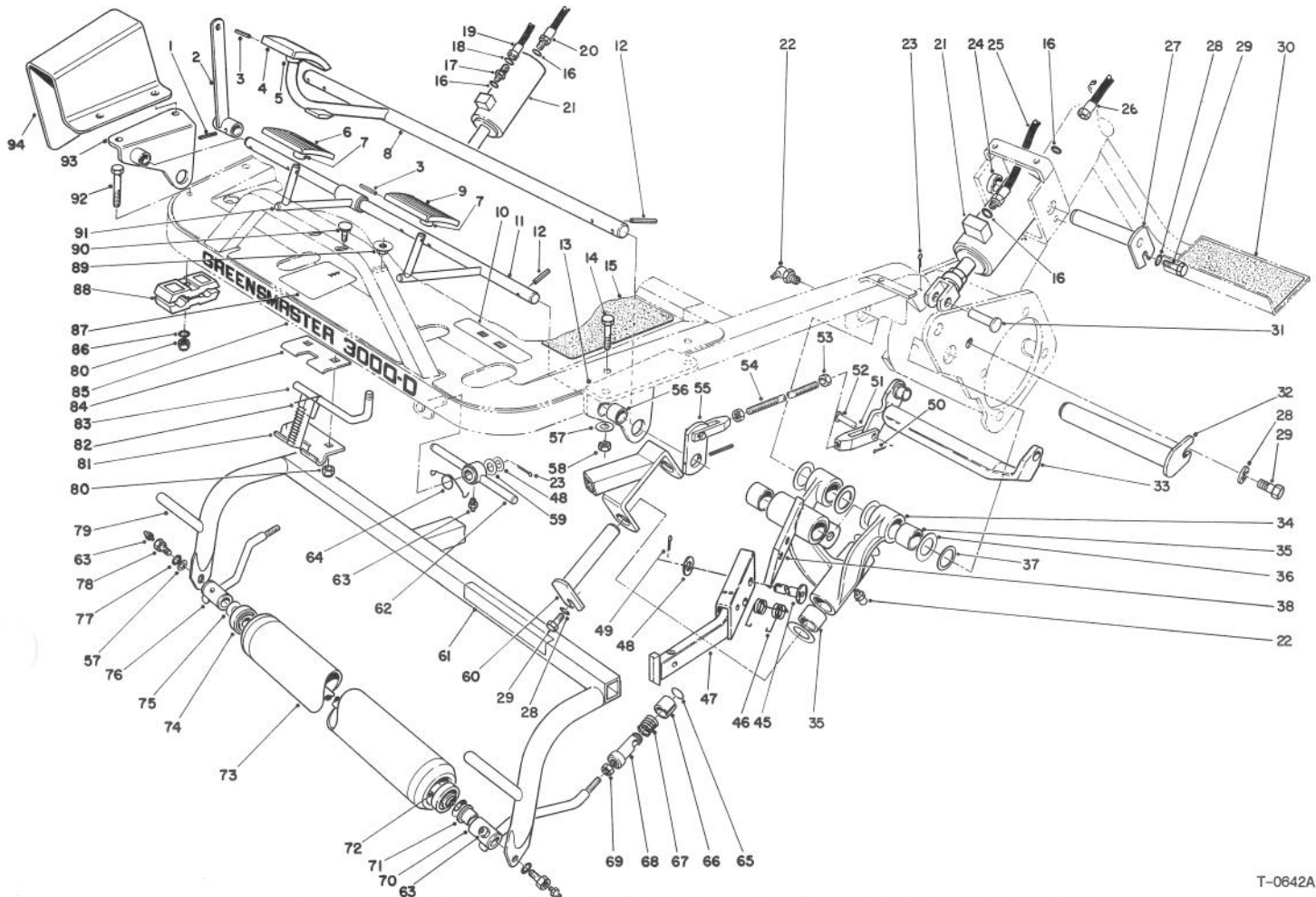


TORO®

MODEL NO. 04375-10676 thru 20001 & UP

PARTS CATALOG

GREENSMASTER® 3000-D TRACTION UNIT WITH ACCESSORIES

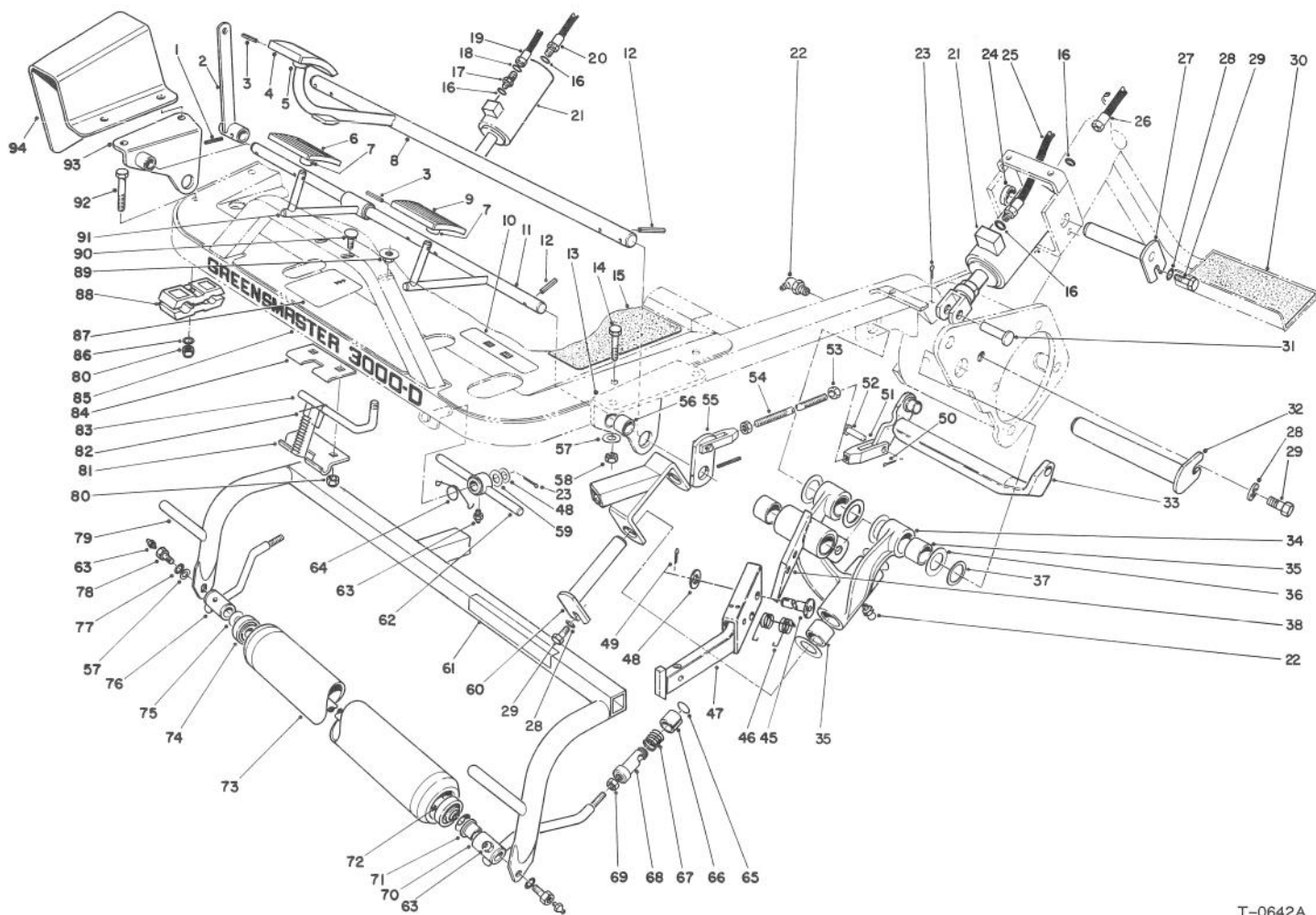


T-0642A

FOOT PEDALS & ROLLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32121-6	Pin - Roll	1
2	49-6200	Lever - Cutting Control	1
3	32121-45	Pin - Roll	3
4	49-6170	Foot Pad - Brake	1
5	49-6150	Foot Pedal - Brake	1
6	10-8250	Foot Pad - Mow	1
7	10-6540	Foot Pedal	2
8	49-6130	Brake Shaft	1
9	10-8240	Foot Pad - Lift	1
10	51-0050	Decal - Mow/Lift	1
11	49-6180	Shaft - Cutting Control	1
12	32121-35	Pin - Roll	8
13	49-6090	Lift Pivot Bracket - L.H. (Inc. Ref. #56)	1
14	323-10	Screw - Cap, Hex Hd.	4
15	49-6120	Pad - Footrest	1

Ref. No.	Part No.	Description	No. Used
16	237-78	O-Ring	4
17	340-92	Fitting - Straight (Incl. Ref. #16 & 18)	1
18	237-21	O-Ring	1
19	63-3950	Hose - Hydraulic	1
20	63-3880	Hose - Hydraulic	1
21	84-8290	Hydraulic Cylinder Assy.	2
22	302-60	Fitting - Grease	4
23	3272-11	Pin - Cotter	3
24	74-3730	Spacer - Cylinder	2
25	63-3850	Hose - Cylinder	1
26	63-3890	Hose - Cylinder	1
27	10-6060	Pin - Cylinder, Pivot	2
28	3253-4	Washer - Lock	5
29	322-1	Screw - Cap, Hex. Hd.	5
30	62-2660	Pad - Step	1

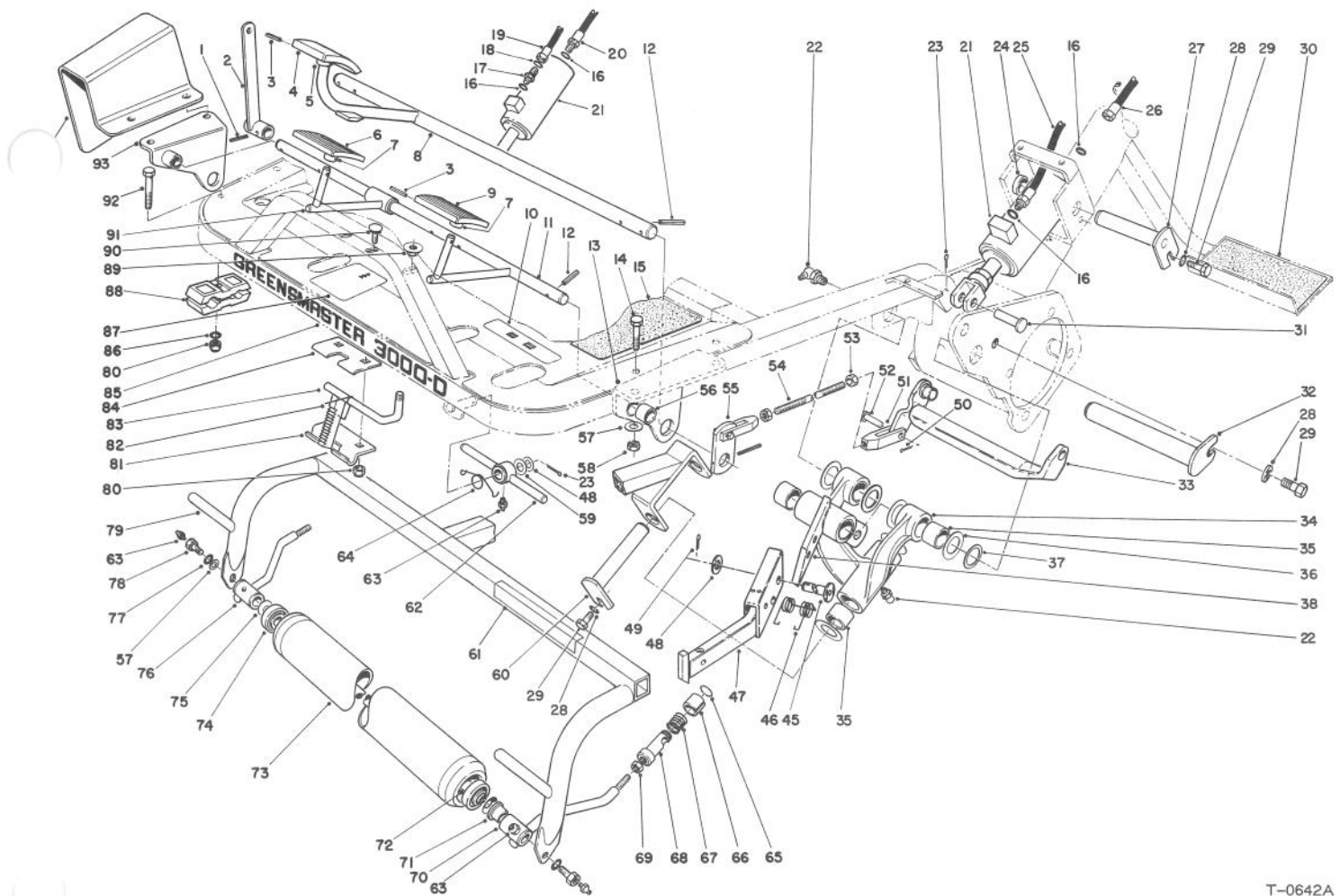


T-0642A

FOOT PEDALS AND ROLLER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
33	71-1510	Arm - Brake	1
34	10-7820	Pivot Hinge Assembly (Incl. Ref. #35)	1
35	3-0348	Bushing - Sleeve	6
36	10-8110	Washer - Thrust	6
37	5-1226	Washer - Shim	2
38	62-2460	Lift Arm Assembly - LH (Incl. Ref. #35)	1
45	63-8750	Pin - Pivot	1
46	57-7650	Spring - Torsion	1
47	62-2390	Bar - Lift, LH	1
48	3256-26	Washer - Flat	2
49	3272-12	Pin - Cotter	1
50	3272-6	Pin - Cotter	4
51	282-2	Yoke	4
52	283-1	Pin - Clevis	4
53	3220-2	Nut - Jam	4
54	27-2270	Rod - Adjustment, Brake	2
55	10-8100	Strap - Shaft, Brake	2
56	256-32	Bushing - Sleeve	2
57	3256-24	Washer - Flat	10
58	3296-59	Nut - Lock	4
59	3290-221	Washer - Spring	1
60	10-6090	Pin - Pivot	1
61	62-5070	Decal - Warning	1
62	12-9050	Pivot - Lift	1

Ref. No.	Part No.	Description	No. Used
63	302-5	Fitting - Grease	13
64	10-9090	Spring - Torsion	1
65		Ring - Retaining	6
66		Sleeve	6
67		Spring	6
68	8-7710	Ball Joint Receiver Assy. (Incl. Ref. #65-67)	6
69	3220-3	Nut - Jam	6
70	52-2740	Pull Arm Assembly - LH (Incl. Ref. #71)	3
71	3-1506	Bushing - Flange	12
72	21-8470	Shaft - Yoke, Roller	3
73	52-2720	Roller Assembly (Incl. Ref. #74)	3
74	251-141	Bearing - Ball	6
75	3290-317	Washer - Spring	6
76	52-2750	Pull Arm Assembly - RH (Incl. Ref. #71)	3
77	3253-21	Washer - Lock	8
78	11-0160	Screw Assy. - Shaft, Roller (Incl. Ref. #63)	6
79	83-0090	Frame - Pull, LH	1
80	3296-16	Nut - Lock	3
81	10-7890	Hinge - Lower, Park. Brake	1
82	10-8140	Spring - Latch, Brake	1
83	10-7850	Latch - Brake, Parking	1

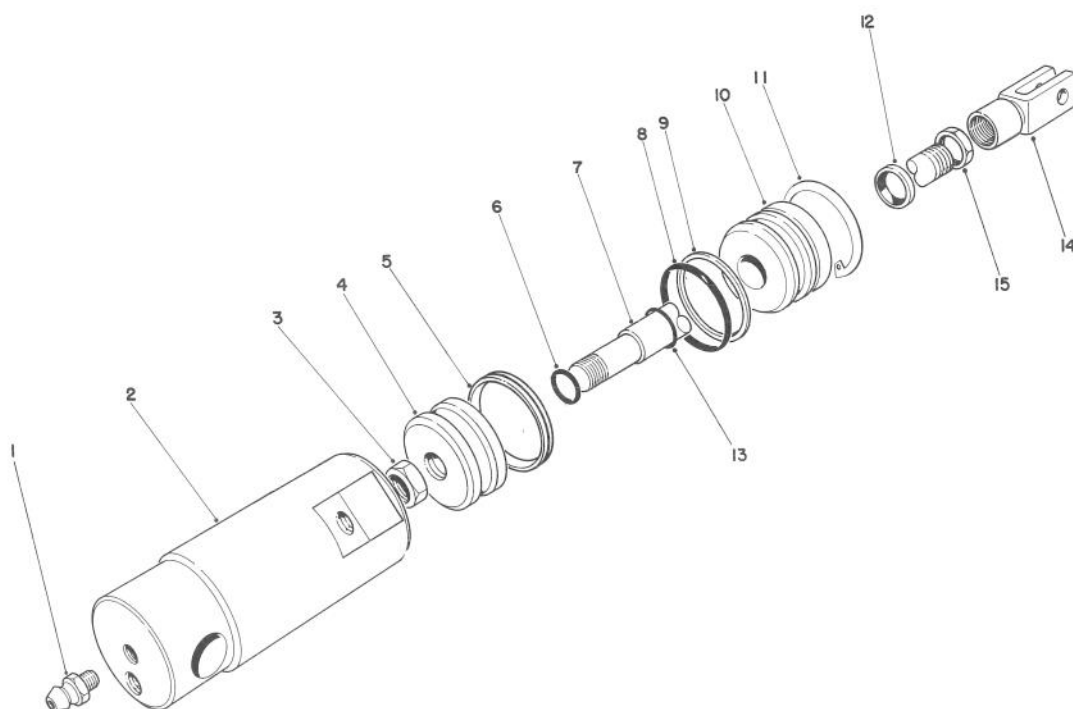


T-0642A

FOOT PEDALS AND ROLLER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
84	10-7880	Hinge - Upper, Park. Brake	1
85	74-3860	Decal - Greensmaster	1
86	3256-3	Washer - Flat	1
87	27-2830	Decal - Brake, Parking	1
88	56-7970	Clamp - Tube	2
89	32141-111	Nut - Lock, Flange Hd.	1

Ref. No.	Part No.	Description	No. Used
90	3229-22	Bolt - Carriage	2
91	10-6300	Pedal - Foot	1
92	321-23	Screw - Cap, Hex. Hd.	1
93	49-6070	Bracket - Lift, Pivot RH (Incl. Ref. #56)	1
94	49-6110	Guard - Rod, Transfer	1



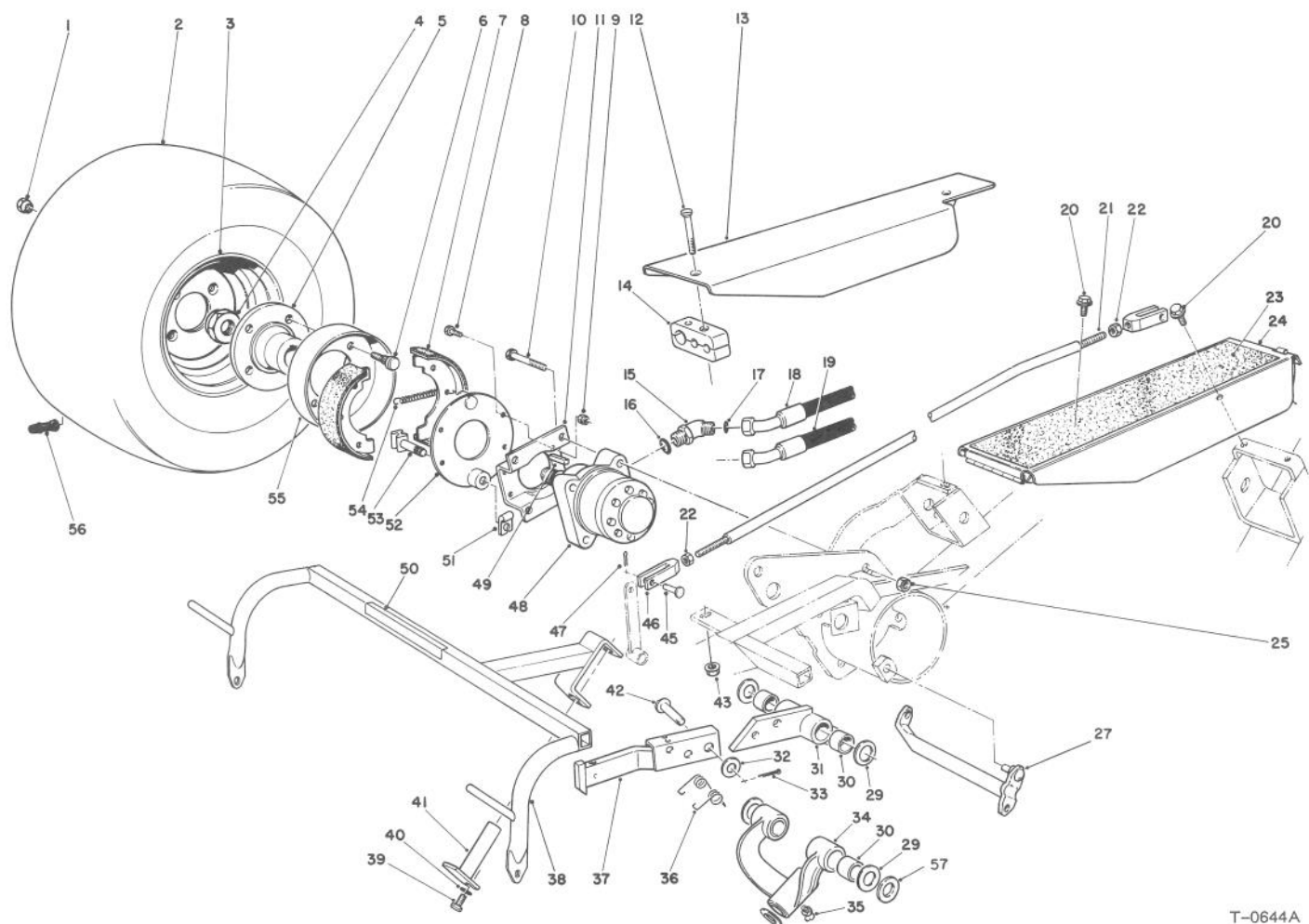
T-1373

FRONT HYDRAULIC CYLINDER NO. 84-8290

Ref. No.	Part No.	Description	No. Used
1	302-2	Fitting - Grease	2
2		Barrel Assembly	1
3	32152-10	Nut-Lock	1
4	52-1990	Piston	1
5		Uniring	1
		O-Ring	1
7	76-1860	Shaft	1
8		O-Ring	1
9		Washer - Backup	1

Ref. No.	Part No.	Description	No. Used
10	65-4860	Head	1
11	32120-8	Ring - Retaining, Internal	1
12		Dust Seal	1
13		Seal	1
14	76-1850	Clevis	1
15	3220-6	Nut - Jam	1
*	83-7250	Seal Repair Kit (Incl. Ref.#5, 6, 8, 9 & 12-13)	1

*Not Illustrated



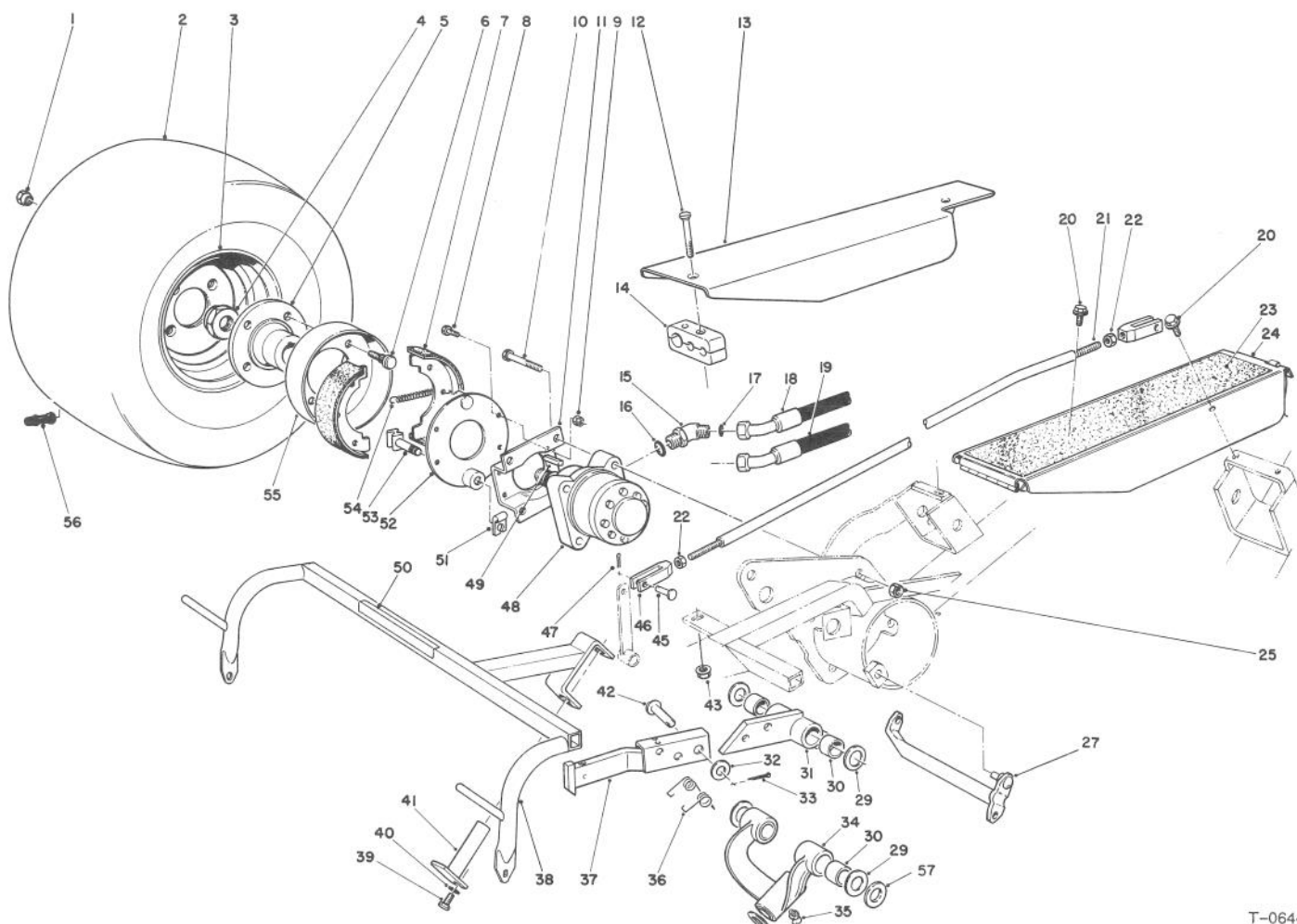
T-0644A

WHEEL AND BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	242-50	Nut - Wheel	8
2	28-3680	Tire	2
*	231-124	Tire -Treaded (Optional)	2
*	232-37	Tube - Inner (Optional)	2
*	62-2580	Spacer (Optional) (For use with 231-124)	2
3	217-60	Rim	2
4	26-3790	Nut - Lock	2
5	10-6870	Hub - Wheel	2
6	85-6540	Stud - Drive Type	8
7	70-9840	Shoe & Lining Assembly	4
8	321-5	Screw - Cap, Hex. Hd.	8
9	3296-42	Nut - Lock	8
10	325-11	Screw - Cap, Hex. Hd.	8
11	84-2000	Bracket - Brake	4
12	32108-100	Screw - Flat Head	3
13	49-5450	Plate - Cover	1
14	57-6140	Clamp - Tube, Side	4
15	340-14	Fitting - Hydraulic (Incl. Ref. #16 & 17)	4
16	237-80	O-Ring	4
17	237-65	O-Ring	4
18	70-8600	Hose - Hyd. Upper, RH	1
*	70-8610	Hose - Hyd. Upper, LH	1
19	70-7170	Hose - Hyd. Lower, RH	1
*	70-7150	Hose - Hyd. Lower, LH	1

Ref. No.	Part No.	Description	No. Used
20	3234-13	Screw - Hex. Flange Hd.	4
21	49-5430	Rod - Control	1
22	3220-2	Nut - Jam	2
23	10-8220	Pad - Tool Box	1
24	49-5410	Box - Tool	1
25	3296-23	Nut - Lock	8
27	71-1510	Lever - Brake	1
29	10-8110	Washer - Thrust	6
30	3-0348	Bushing - Sleeve	6
31	62-2440	Lift Arm Assembly RH (Incl. Ref. #30)	1
32	3256-26	Washer - Flat	1
33	3272-12	Pin - Cotter	1
34	10-7820	Pivot Hinge Assembly	1
35	302-60	Fitting - Grease	1
36	57-7650	Spring - Torsion	1
37	62-2420	Bar - RH Arm, Lift	1
38	83-0210	Frame - Pull, RH	1
39	322-1	Screw - Cap, Hex. Hd.	1
40	3253-4	Washer - Lock	1
41	10-6090	Pin - Pivot	1
42	63-8750	Pin - Pivot	1
43	3296-16	Nut - Lock	3
45	283-1	Pin - Clevis	2
46	282-2	Yoke	2
47	3272-6	Pin - Cotter	2

*Not Illustrated

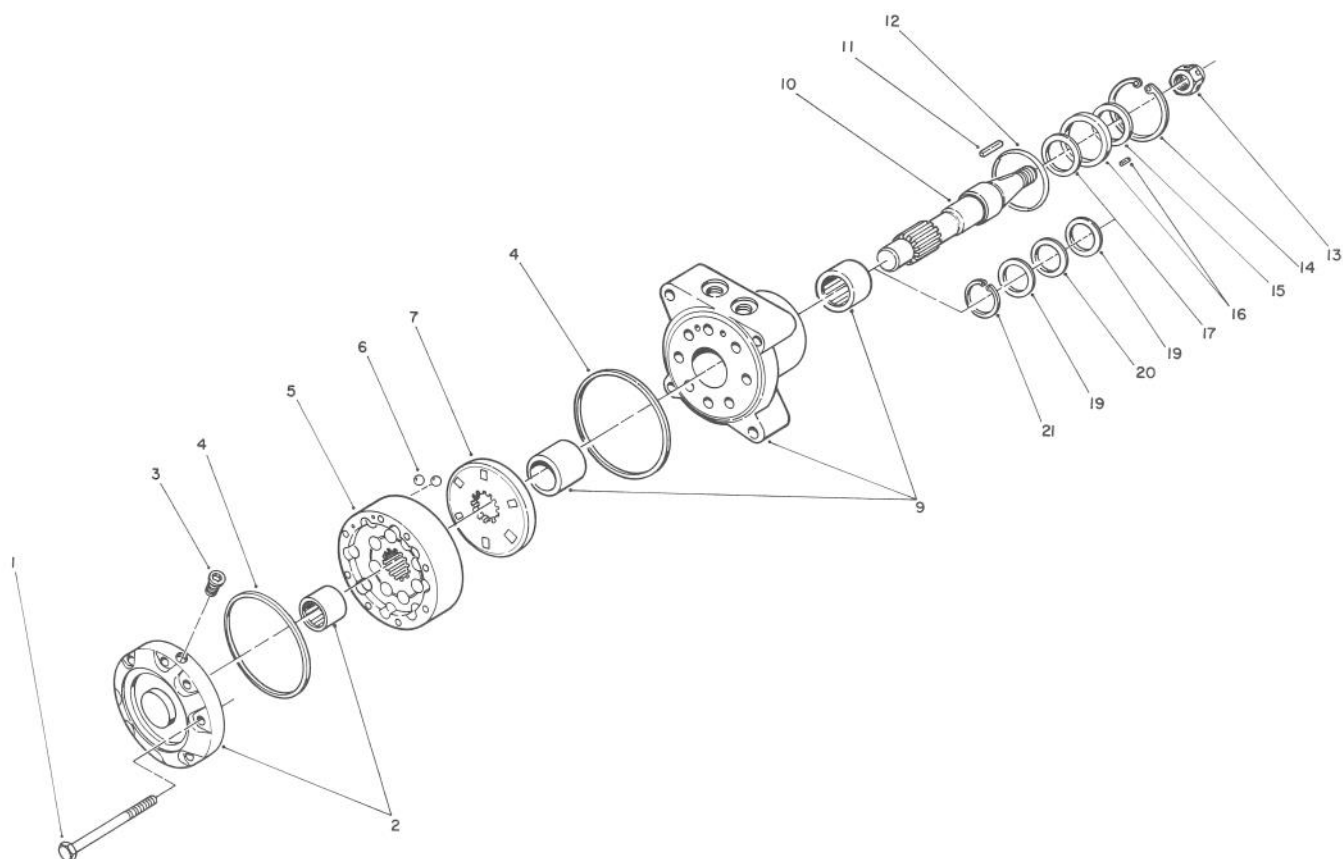


T-0644

WHEEL AND BRAKE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
48	66-5292	Motor - Hydraulic (Incl. Ref. #49)	2
49	65-4640	Key - Square	2
50	62-5070	Decal - Warning	1
51	70-9850	Clip	2
52	70-9870	Plate - Support, Brake	2

Ref. No.	Part No.	Description	No. Used
53	70-9860	Cam - Brake	2
54	70-9880	Spring - Extension	4
55	10-6820	Brake Drum Assembly (Incl. Ref. #5 & 6)	2
56	232-24	Valve Stem & Cap	2
57	5-1226	Washer - Shim	2



T-0274

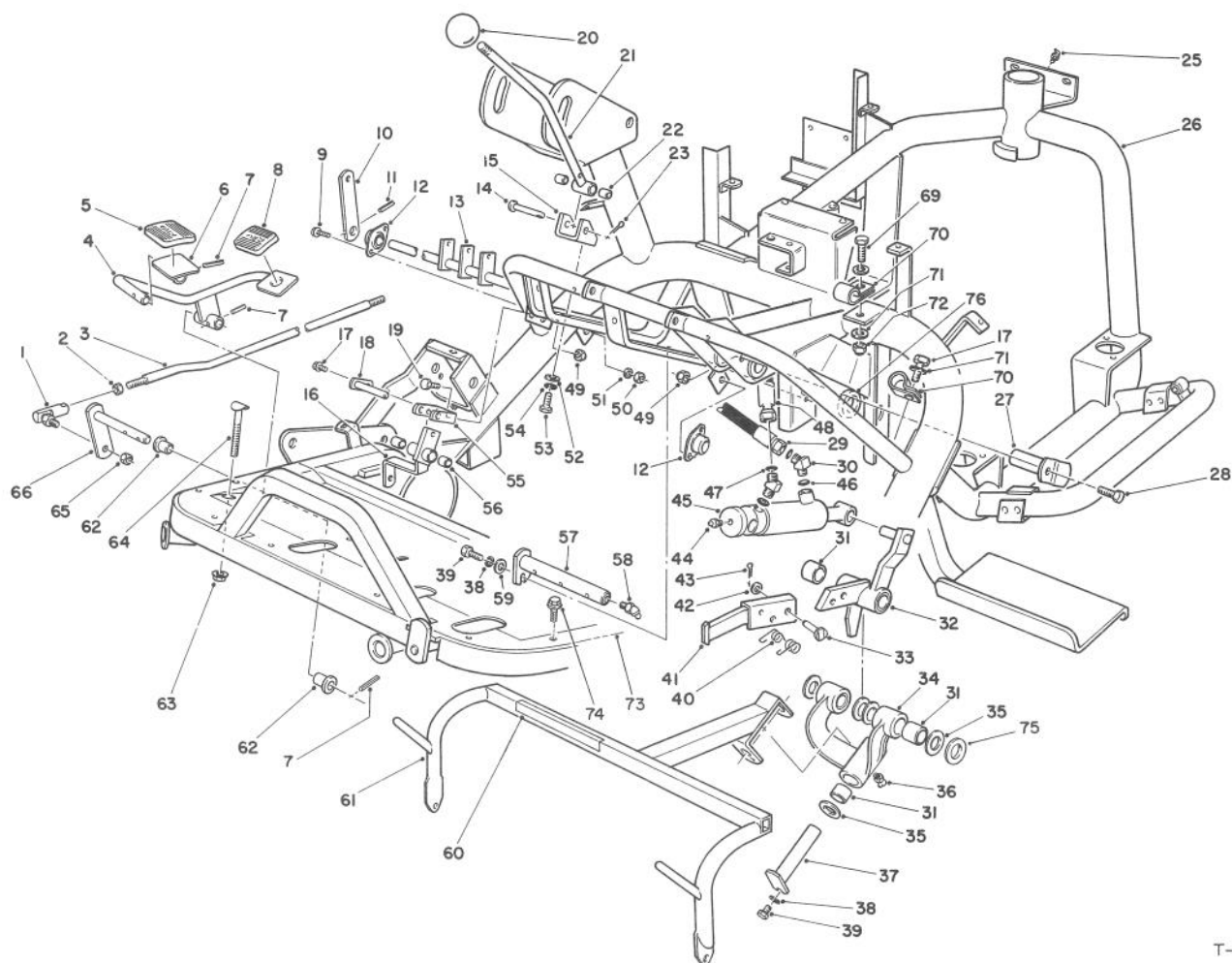
HYDRAULIC DRIVE MOTOR NO. 66-5292

Ref. No.	Part No.	Description	No. Used
1	70-8160	Screw - Cap, Hex. Hd.	8
2		Cover & Bearing Assembly	1
3	65-4560	Plug - Hex. (Hollow)	1
4	65-4570	Seal - Square Ring	2
5	70-8180	IGR Assembly	1
6	65-4550	Valve - Ball, Check	2
7	70-8150	Plate - Valve	1
9	70-8140	Body & Bearing Assembly (Incl. Ref. #2)	1
10	70-8190	Shaft	1
11	65-4640	Key - Square	1
12	65-4620	O-Ring	1

Ref. No.	Part No.	Description	No. Used
13	65-4650	Nut - Slotted	1
14	65-4500	Seal - Snap Ring	1
†15		Seal - Dust	1
†16		Retainer - Pin	1
†17		Seal - Lip	1
*	65-4690	Seal/Retainer Assembly (Incl. Ref. #15-17)	1
19	65-4600	Washer - Thrust	2
20	65-4610	Bearing - Thrust	1
21	70-8170	Ring - Snap	1
*	65-4700	Body Seal Kit (Incl. Ref. #4, 12 & 15-17)	1

*Not Illustrated

†Not available from Toro as a replacement part.

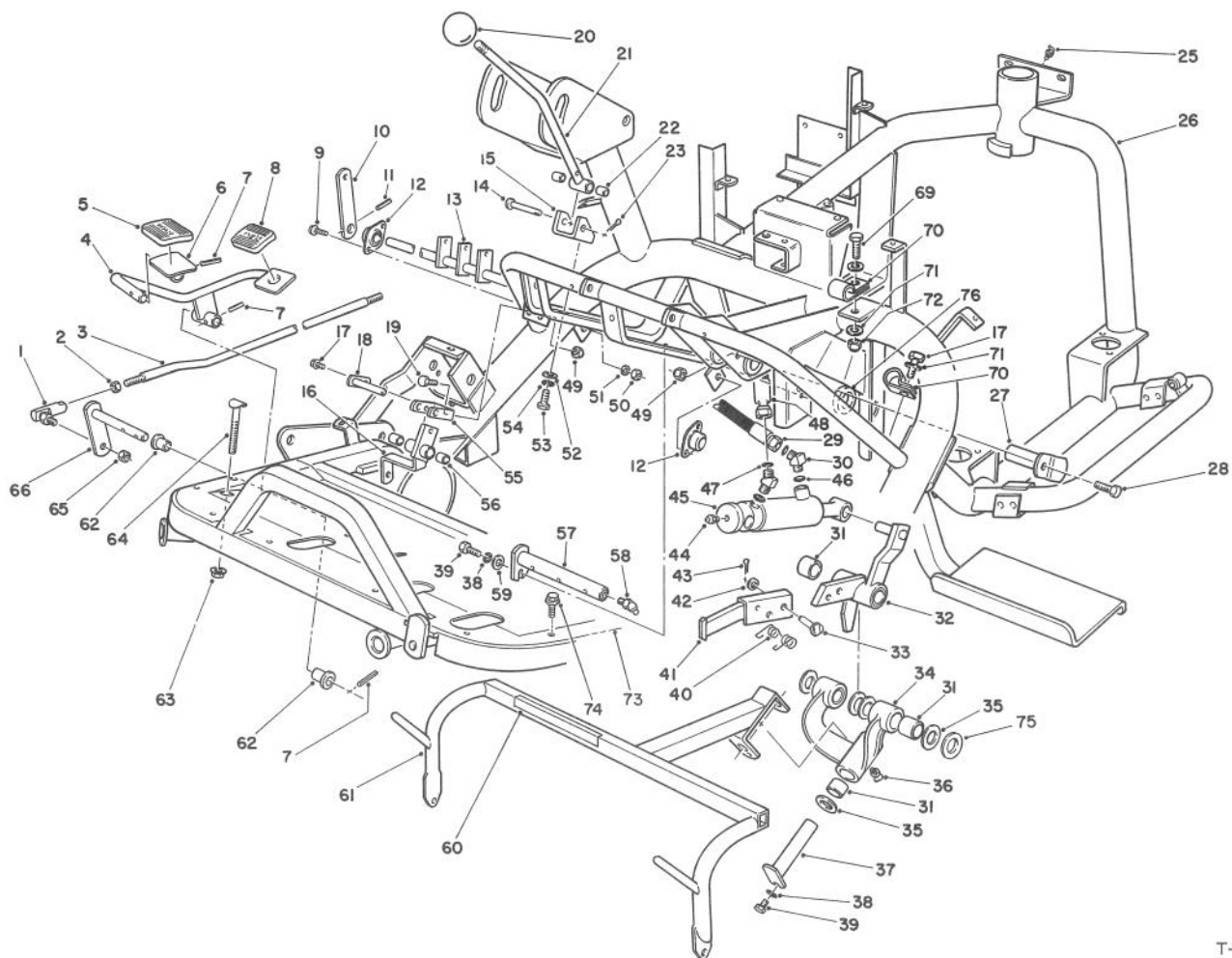


T-0641A

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2411-32	Joint - Ball	2
2	3220-2	Nut - Jam	2
3	49-6320	Rod - Control, Traction	1
4	49-6380	Rod - Accelerator	1
5	49-6470	Pad - Pedal Forward	1
6	49-6440	Pedal - Accelerator	1
7	32121-45	Pin-Roll	2
8	49-6430	Pad - Pedal Reverse	1
9	3234-1	Screw - Hex. Flange Hd.	4
10	47-5320	Lever - Cutting Control	1
11	32121-6	Pin - Roll	1
12	27-2320	Bearing - Side Flange	2
13	44-0870	Camshaft - Rear	1
14	283-57	Pin - Clevis	1
15	49-6220	Bracket - Control Arm	1
16	49-6260	Traction Pivot Tube Assy. (Incl. Ref. #56)	1
17	12-3270	Screw - Hex. Flange Hd.	2
18	49-6290	Shaft - Pivot, Traction	1
19	322-5	Screw - Cap, Hex. Hd.	1
20	233-48	Knob	1
21	68-5930	Handle - Traction (Incl. Ref. #22)	1
22	256-251	Bushing	2
23	3272-4	Pin - Cotter	1
25	302-5	Fitting - Grease	1

Ref. No.	Part No.	Description	No. Used
26	75-9600	Frame (Incl. Ref. #25 & 62)	1
27	68-5560	Pin - Cylinder	1
28	322-3	Screw - Cap, Hex. Hd.	1
29	58-5830	Hose - Hydraulic	1
30	340-103	Fitting - Hydraulic (Incl. Ref. #46 & 47)	2
31	3-0348	Bushing - Sleeve	6
32	68-5380	Center Lift Arm Assembly (Incl. Ref. #31)	1
33	63-8750	Pin - Pivot	1
34	10-7820	Pivot Hinge Assembly	1
35	10-8110	Washer - Thrust	6
36	302-60	Fitting - Grease	1
37	10-6090	Pin - Pivot	1
38	3253-4	Washer - Lock	2
39	322-1	Screw - Cap, Hex. Hd.	2
40	57-7650	Spring - Torsion	1
41	62-2420	Bar - Arm, Lift	1
42	3256-26	Washer - Flat	1
43	3272-11	Pin - Cotter	1
44	302-2	Fitting - Grease	1
45	83-7230	Cylinder - Lift, Rear	1
46	237-78	O-Ring	2
47	237-35	O-Ring	2
48	84-8260	Hose - Hydraulic	1

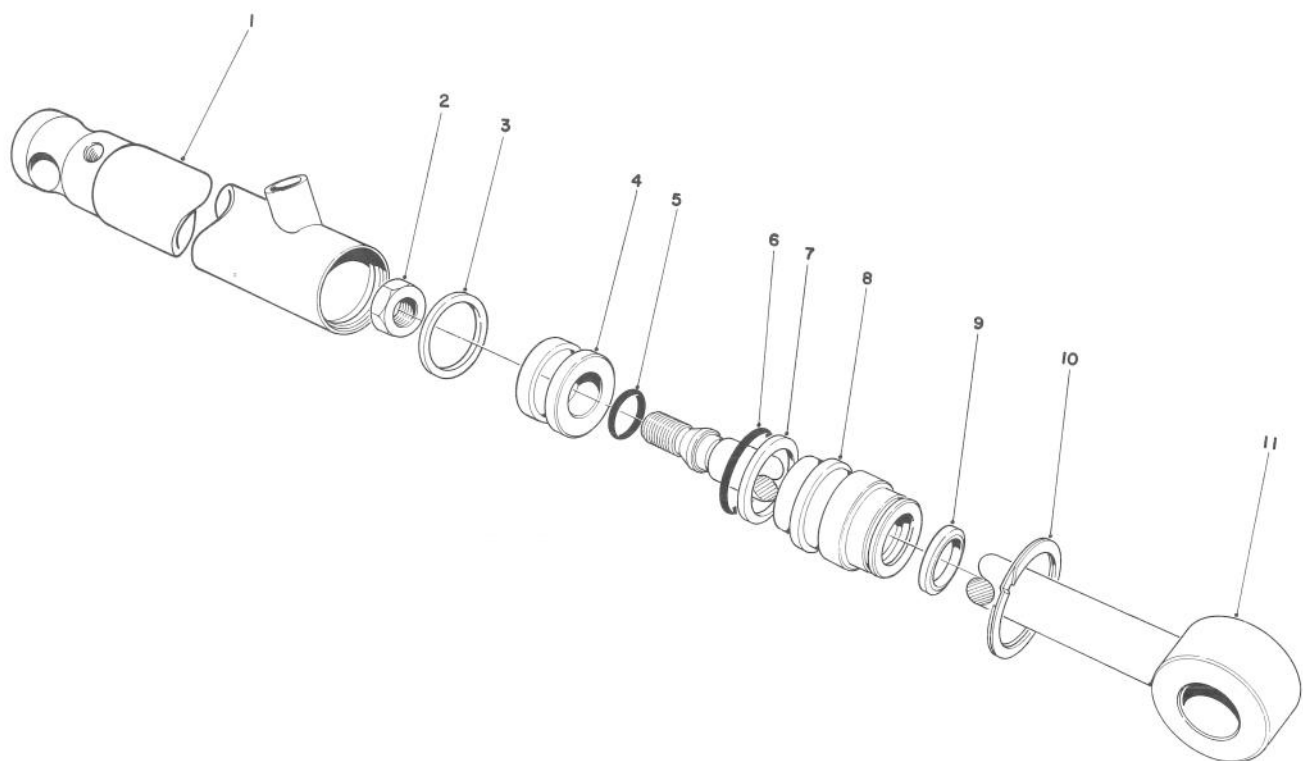


T-0641A

FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
49	3296-29	Nut - Lock	2
50	3296-59	Nut - Lock	4
51	3256-24	Washer - Flat	4
52	3256-3	Washer - Flat	2
53	3211-1	Screw - Cap, Hex. Hd.	2
54	3254-6	Washer - Lock	2
55	49-6250	Bracket - Pivot, Traction	1
56	256-2	Bushing - Sleeve	2
57	27-2550	Pin - Hinge	1
58	302-11	Fitting - Grease	1
59	3256-23	Washer - Flat	1
60	62-5070	Decal - Warning	1
61	83-0210	Frame - Pull, Rear	1

Ref. No.	Part No.	Description	No. Used
62	256-155	Bushing - Flange	2
63	32128-20	Nut - Lock, Flange	1
64	17-9420	Screw - Stop, Accelerator	1
65	3296-4	Nut - Lock	2
66	49-6350	Shaft - Traction	1
69	321-3	Screw - Cap, Hex. Hd.	1
70	2412-41	Clamp - R	2
71	3256-1	Washer - Flat	3
72	3296-16	Nut - Lock	1
73	75-9490	Plate - Footrest	1
74	32144-14	Screw - Hex. Flange Hd.	9
75	5-1228	Washer - Shim	2
76	27-2540	Spacer - Hub	1



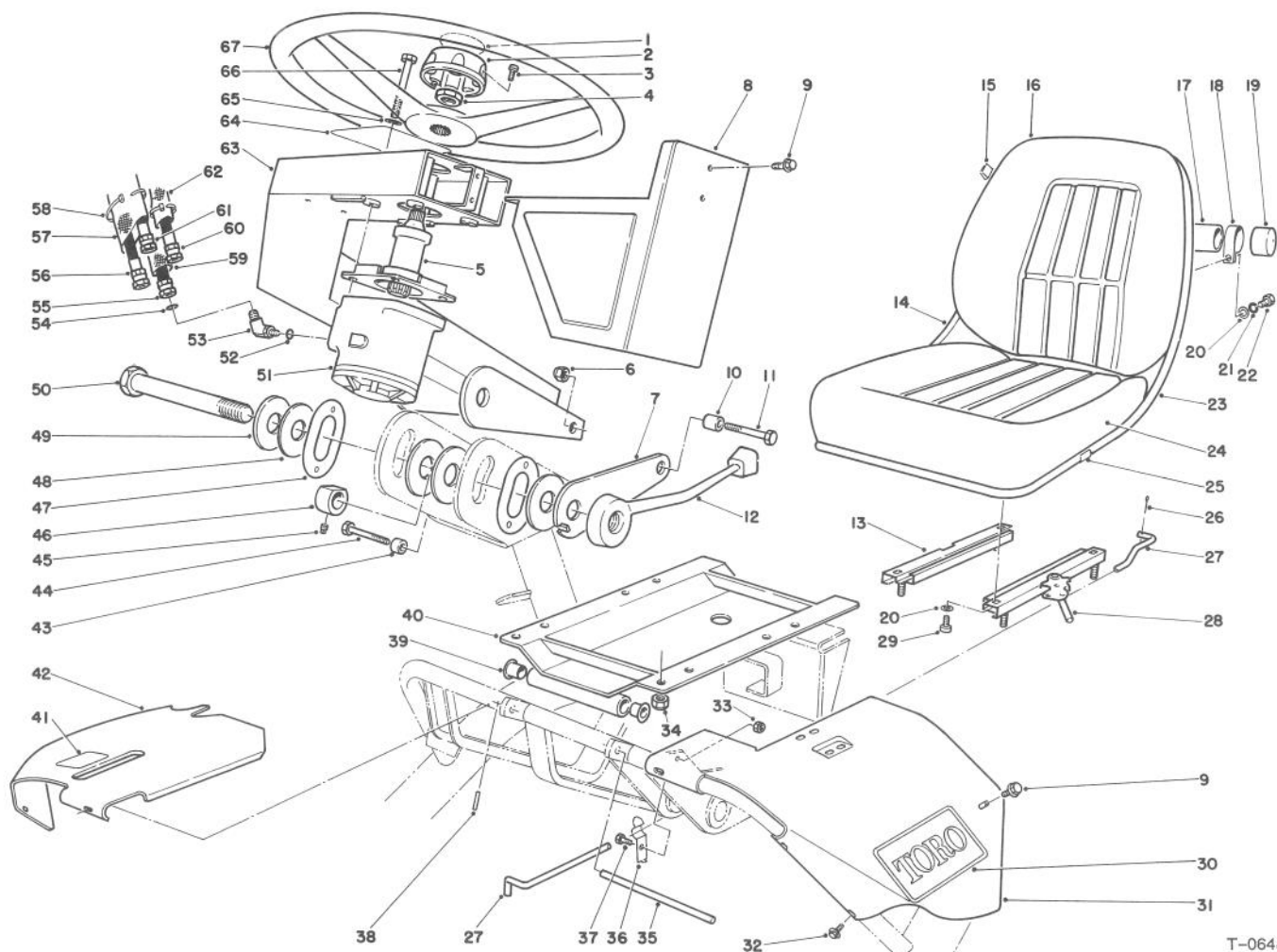
T-0640A

REAR HYDRAULIC CYLINDER NO. 83-7230

Ref. No.	Part No.	Description	No. Used
1	70-8130	Barrel	1
2	32152-10	Nut	2
3		Uniring	1
4	70-2780	Piston	1
5		O-Ring	1
6		O-Ring	1
7		Back-up	1

Ref. No.	Part No.	Description	No. Used
8	70-2770	Head	
9		Seal - Dust	1
10	43-5220	Ring - Retaining	1
11	43-5230	Shaft/Clevis	1
*	83-7250	Seal Repair Kit (Incl. Ref. #3, 5-7 & 9)	1

*Not Illustrated

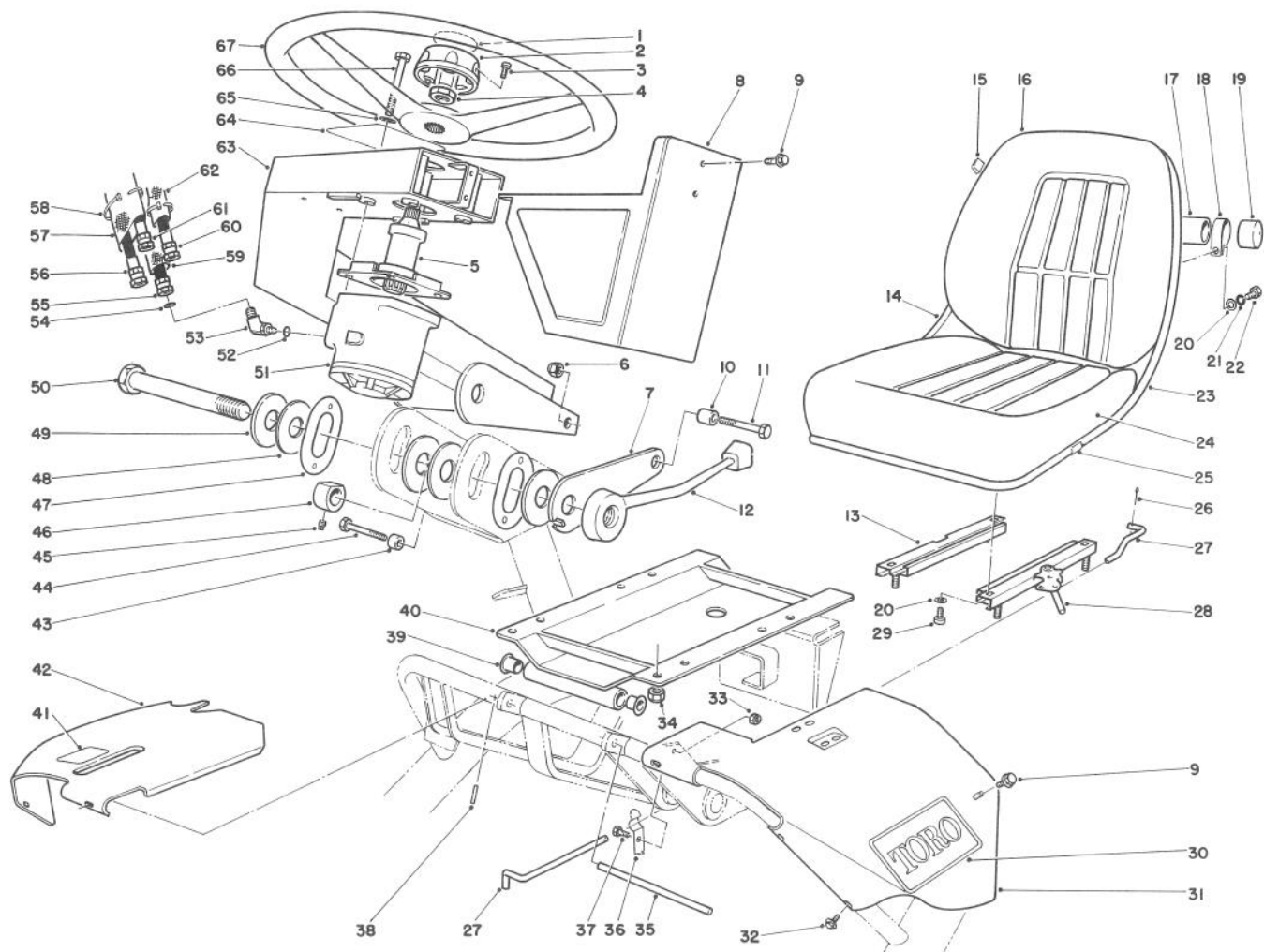


T-0648

STEERING & SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68-5370	Decal - Steering Wheel	1
2	68-5140	Cap - Steering Wheel (Incl. Ref. #3)	1
3	32144-21	Screw - Fillister Head	1
4	47-6990	Nut - Lock	1
5	68-5170	Column - Steering	1
6	3296-25	Nut - Lock	2
7	68-5480	Plate - Arm, Steering	1
8	68-5120	Cover - Valve, Steering	1
9	12-3270	Screw - Thread Forming	7
10	68-5450	Spacer - Arm, Pivot LH	1
11	325-8	Screw - Cap, Hex. Hd.	1
12	68-5300	Lever - Arm, Lock	1
13	51-0780	Slide - Seat	1
14	351-81	Shell - Seat	1
15	351-79	Clip - Seat	6
16	75-9810	Backrest (Incl. Ref. #15 & 25)	1
17	65-5871	Tube	1
18	2412-102	Clamp-R	2
19	65-5890	Cap - Tube	2
20	3256-23	Washer - Flat	6
21	3253-4	Washer - Lock	2
22	322-2	Screw - Cap, Hex. Hd.	2
23	351-78	Edging	2

Ref. No.	Part No.	Description	No. Used
24	75-9720	Cushion - Seat (Incl. Ref. #15 & 25)	1
25	351-80	Clip - Seat	1
26	3272-11	Pin - Cotter	1
27	68-5100	Rod - Seat	1
28	51-0790	Adjuster - Seat	1
29	3274-12	Screw - Cap, Hex. Hd.	4
30	43-5110	Decal - TORO	2
31	68-4690	Shield - Valve Cover, LH	1
32	32104-76	Screw - Self Tapping	5
33	3296-16	Nut - Lock	1
34	3296-29	Nut - Lock	4
35	49-5880	Shaft - Support, Seat	1
36	68-5310	Clip - Seat	1
37	321-3	Screw - Cap, Hex. Hd.	1
38	32121-45	Pin - Roll	1
39	256-219	Bushing	2
40	49-5840	Support - Seat (Incl. Ref. #39)	1
41	51-0010	Decal - Traction	1
42	68-4680	Shield - Valve Cover, RH	1
43	68-5440	Spacer - Arm, Pivot RH	1
44	325-7	Screw - Cap, Hex. Hd.	1
45	3242-1	Screw - Cap, Hex. Hd.	1
46	68-5420	Hub - Locking	1



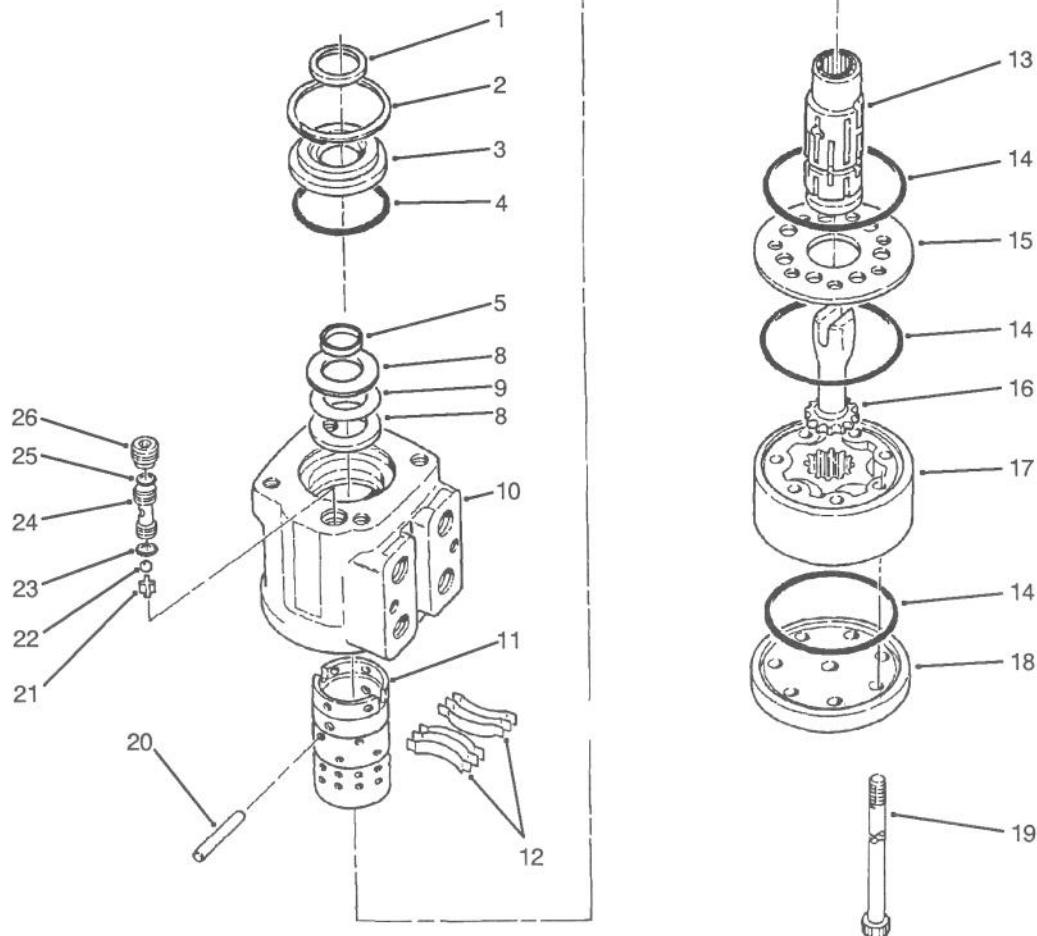
T-0648

STEERING & SEAT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	68-5430	Plate - Wear	2
48	31-0390	Washer - Friction	4
49	68-5290	Washer - Arm, Steering	1
50	3216-16	Screw - Cap, Hex. Hd.	1
51	58-3951	Steering Valve Assembly	1
52	237-42	O-Ring	4
53	340-137	Fitting - Hydraulic (Incl. Ref. #52 & 54)	4
54	237-35	O-Ring	4
55	68-5840	Hose Assembly (Incl. Ref. #58 & 59)	1
56	68-5750	Hose Assembly (Incl. Ref. #57 & 58)	1
57	56-7983	Sleeve - Protective	1
58	3290-378	Tie - Cable	6

Ref. No.	Part No.	Description	No. Used
59	70-8445	Sleeve - Protective	1
60	68-5740	Hose Assembly (Incl. Ref. #58 & 60)	1
61	68-5760	Hose Assembly (Incl. Ref. #57 & 58)	1
62	70-8446	Sleeve - Protective	1
63	68-4700	Arm - Steering	1
64	75-9380	Decal - Caution	1
65	3256-24	Washer - Flat	4
66	323-20	Screw - Cap, Hex. Hd.	4
67	68-5130	Wheel - Steering (Incl. Ref. #2 & 3)	1
*	75-9190	Seat Assembly (Incl. Ref. #14-16 & 23-24)	1

*Not Illustrated



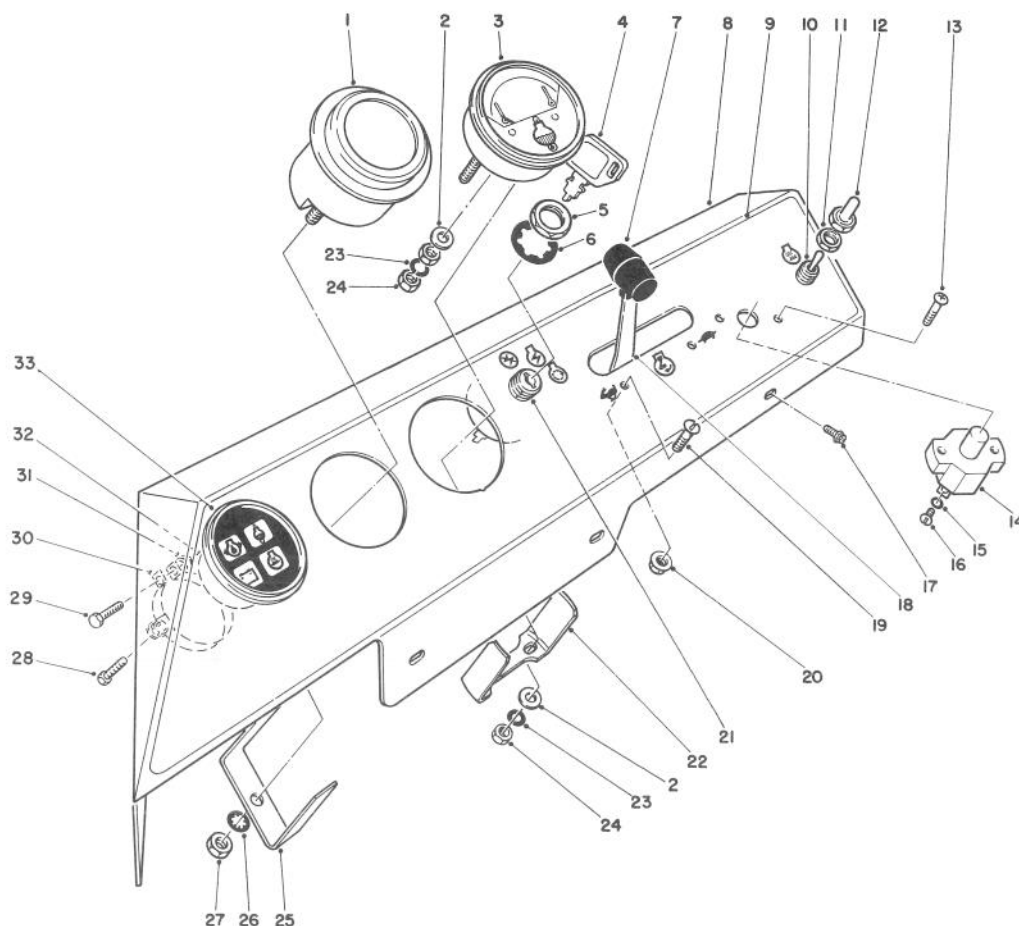
T-1442

POWER STEERING VALVE NO. 58-3953

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Seal - Dust	1	19	52-9350	Screw - Cap	7
2	52-9230	Ring - Retaining	1	20		Washer	7
3	52-9240	Bushing - Seal Gland	1	21	59-6830	Centering Pin Kit	1
4		O-Ring	1	22	52-9290	Retainer - Ball Check	1
5		Seal - Quad Ring	1	23	52-9280	Ball - Check	1
8	59-6730	Race - Bearing	2	24		O-Ring	1
9	59-6740	Bearing - Needle Thrust	1	25	52-9270	Seat - Ball Check	1
†10		Housing	1	26		O-Ring	1
†11		Sleeve - Control	1	*	52-9250	Needle Bearing Kit (Incl. Ref. #8 & 9)	1
12	59-6820	Centering Spring Kit	1	*	70-8240	Control Parts Assembly (Incl. Ref. #10-13 & 21)	1
†13		Spool - Control	1	*	49-0170	Seal Kit (Incl. Ref. #1, 4, 5, 14, 20, 24 & 26)	1
14		O-Ring	3				
15	59-6850	Plate - Spacer	1				
16	70-8250	Drive	1				
17	70-8320	Gerotor	1				
18	59-6890	Cap - End	1				

*Not Illustrated

†Not Serviced Separately



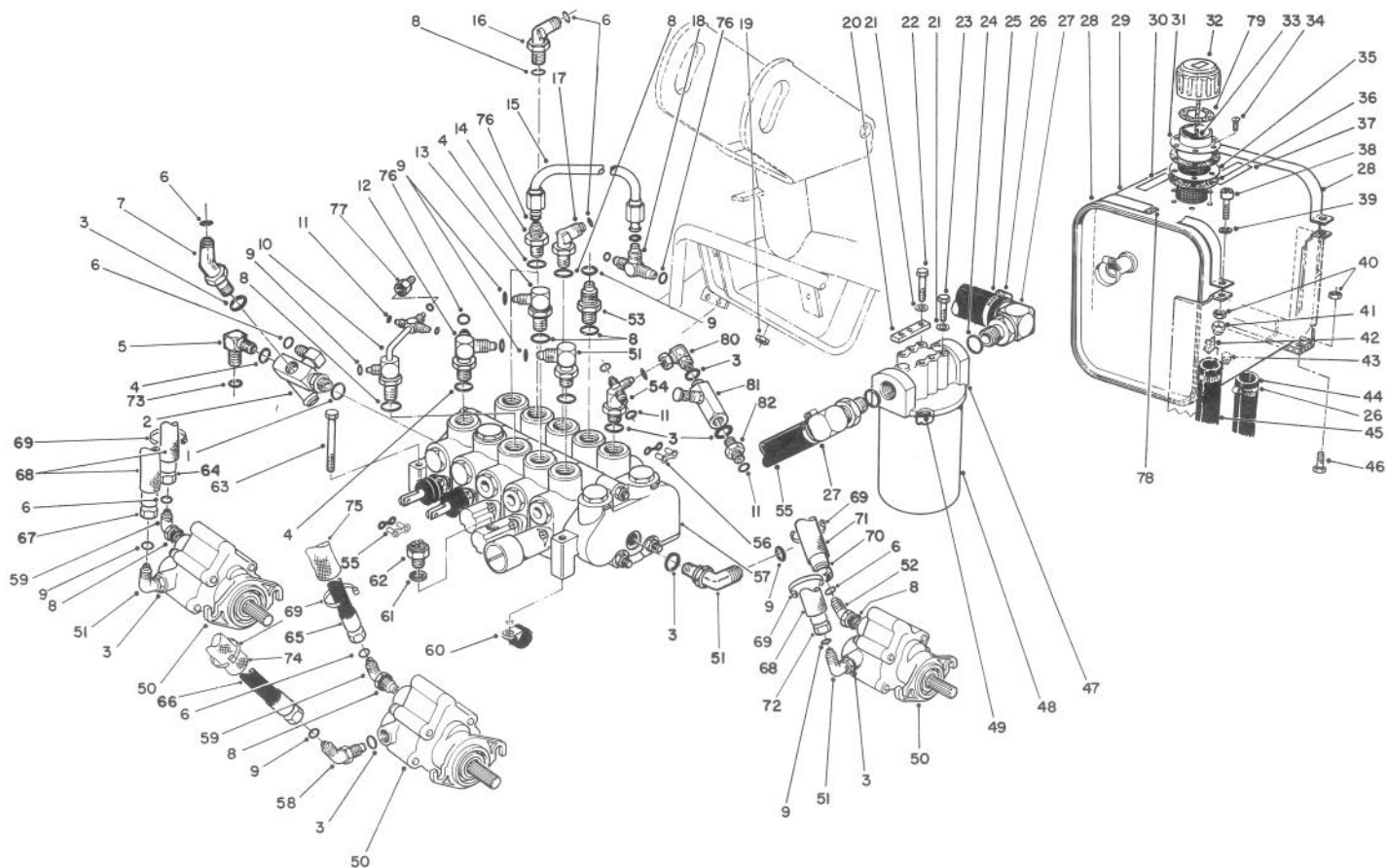
T-0814

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-2950	Hour Meter	1
2	3256-14	Washer - Flat	4
3	63-7430	Gauge - Temperature	1
4	63-8360	Key	1
5	218-446	Nut	1
6	218-447	Washer - Lock	1
7	233-50	Knob - Throttle	1
8	68-5630	Panel - Instrument	1
9	70-8120	Decal- Panel, Instrument	1
10	6-1659	Switch - Glow (Incl. Ref. #11 & 12)	1
11	218-497	Nut	1
12	218-473	Boot - Switch	1
13	32122-53	Screw - Phillips Hd.	2
14	68-5210	Breaker - Circuit, 15A	1
15	3253-15	Washer - Lock	2
16	3250-28	Screw - Cap, Round Hd.	2
17	32104-76	Screw - Acorn Washer Hd.	6
18	68-9931	Control Throttle (Inc. Ref. #7)	1

Ref. No.	Part No.	Description	No. Used
19	32105-8	Screw - Round Head	2
20	32149-7	Nut - Lock	2
21	27-2360	Switch - Key (Incl. Ref. #5 & 6)	1
22	39-9600	Clamp - Mounting	1
23	3253-12	Washer - Lock	5
24	3256-49	Nut - Lock	6
25	218-515	Bracket - Mounting	1
26	3254-1	Washer - Lock, Int. Tooth	1
27	3217-26	Nut	1
28	32144-1	Screw - Thread Forming	2
29	32105-1	Screw - Cap, Hex. Hd.	1
30	69-4780	Clamp Hose	1
31	3296-2	Nut - Lock	1
32	70-8200	Socket - Light	4
33	66-2960	Light - Cluster, Warning	1
*	219-17	Bulb - Light	4

*Not Illustrated

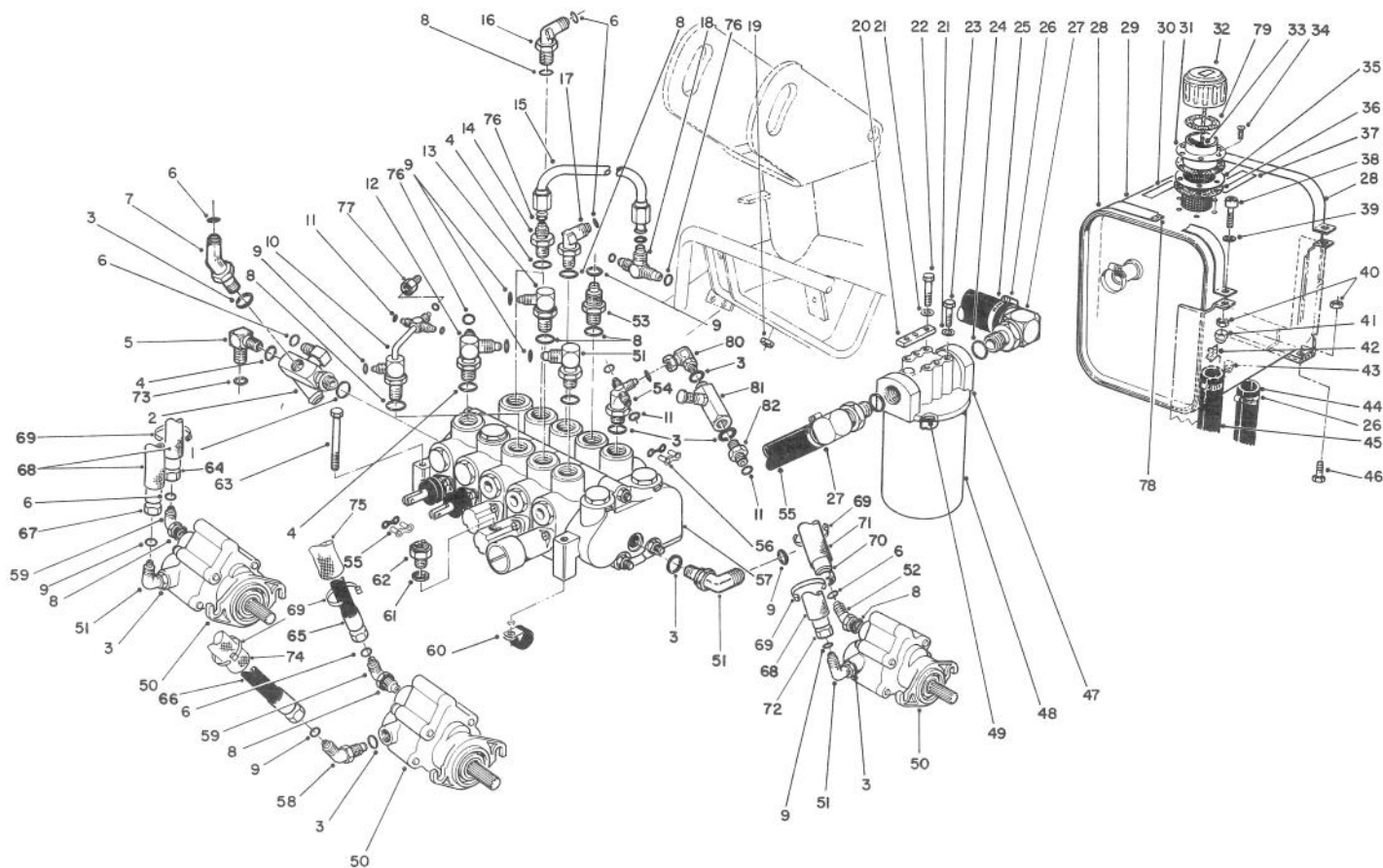


T-0643

VALVE BANK AND HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237-81	O-Ring	1
2	68-5260	Orifice - Manifold Drain (Incl. Ref. #1 & 6)	1
3	237-42	O-Ring	11
4	237-80	O-Ring	3
5	340-16	Fitting - Hydraulic (Incl. Ref. #3 & 4)	1
6	237-30	O-Ring	7
7	340-96	Fitting - Hydraulic (Incl. Ref. #3 & 6)	1
8	237-79	O-Ring	8
9	237-22	O-Ring	3
10	63-4060	Tube Assembly (Incl. Ref. #8, 9 & 11)	1
11	237-21	O-Ring	8
12	63-4050	Fitting - Traction, Upper (Incl. Ref. #4 & 76)	1
13	340-18	Fitting - Hydraulic (Incl. Ref. #5 & 9)	1
14	340-7	Fitting - Hydraulic (Incl. Ref. #4 & 76)	1
15	63-3980	Tube - Interconnect, Tract.	1
16	340-11	Fitting - Hydraulic (Incl. Ref. #6 & 8)	1
17	340-101	Fitting - Hydraulic (Incl. Ref. #6 & 8)	1

Ref. No.	Part No.	Description	No. Used
18	340-19	Fitting - Hydraulic (Incl. Ref. #76)	1
19	32128-20	Nut - Lock, Flange Hd.	3
20	27-2380	Spacer - Mount, Filter	1
21	3256-23	Washer - Flat	2
22	322-4	Screw - Cap, Hex. Hd.	2
23	322-2	Screw - Cap, Hex. Hd.	2
24	237-101	O-Ring	2
25	68-5890	Hose - Return, Filter	1
26	2412-3	Clamp - Hose	8
27	353-564	Fitting - Hydraulic (Incl. Ref. #24)	2
28	27-2400	Strap - Reservoir (Incl. Ref. #78)	2
29	55-8480	Reservoir - Hydraulic	1
30	58-6530	Decal - Oil	1
31	353-961	Adapter - Flange	1
32	62-2570	Cap - Breather (Incl. Ref. #31, 33, 36, 37 & 39)	1
33	353-962	Cap & Chain Assembly	1
34	32144-34	Screw	6
35	62-2610	Screen Assembly	1
36	353-963	Gasket	2
37	62-7290	Decal - Hot Surface	1
38	3274-19	Screw - Set	2

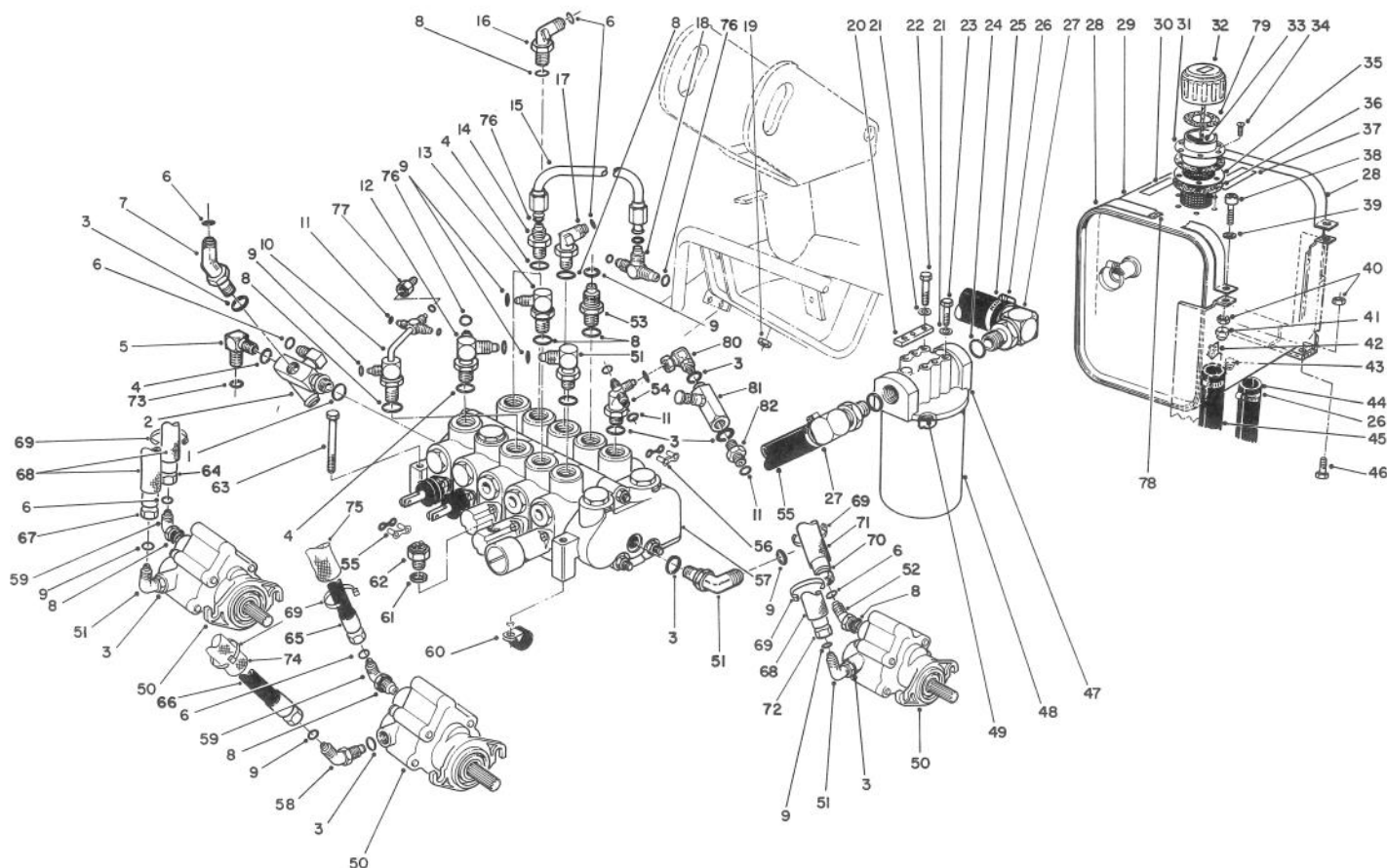


T-0643

VALVE BANK AND HYDRAULIC RESERVOIR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
39	3256-22	Washer - Flat	2
40	3296-16	Nut - Lock	4
41	2410-66	Cap - Vinyl	1
42	27-2420	Felt - Angle	2
43	281-1	Plug - Oil	1
44	68-5860	Hose - Inlet, Pump LH	1
45	68-5870	Hose - Inlet, Pump RH	1
46	321-3	Screw - Cap, Hex. Hd.	2
47	44-5560	Head - Filter, Hydraulic	1
48	74-3570	Element - Filter (Incl. Ref. #49)	1
49	72-3850	Seal - Ring	1
50	70-9800	Motor - Reel	3
51	340-77	Fitting - Hydraulic (Incl. Ref. #3 & 9)	4
52	340-101	Fitting - Hydraulic (Incl. Ref. #6 & 8)	1
53	340-3	Fitting - Hydraulic (Incl. Ref. #8 & 9)	1
54	84-7880	Fitting - Hydraulic (Incl. Ref. #3 & 11)	1
55	68-5880	Hose - Inlet, Filter	1
56	57-6220	Link - Connector	5
57	84-2200	Control Valve Assembly	1

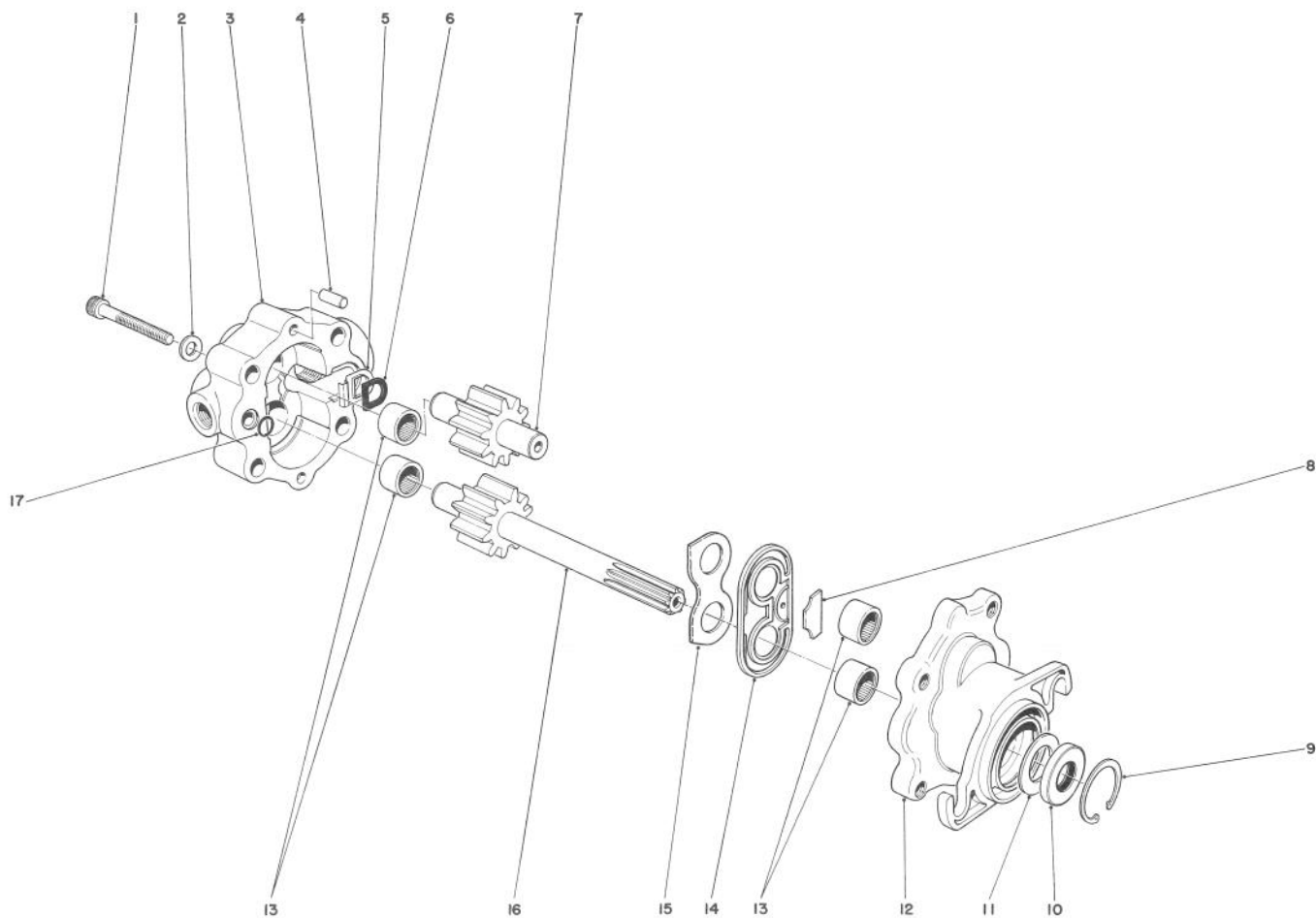
Ref. No.	Part No.	Description	No. Used
58	340-87	Fitting - Hydraulic (Incl. Ref. #3 & 9)	1
59	340-98	Fitting - Hydraulic (Incl. Ref. #6 & 8)	2
60	304-61	Clamp	1
61	38-0410	Nut - Hex.	2
62	43-8520	Switch	2
63	322-14	Screw - Cap, Hex. Hd.	3
64	63-3820	Hose - Assembly (Incl. Ref. #68 & 69)	1
65	63-3830	Hose - Assembly (Incl. Ref. #69 & 75)	1
66	63-3870	Hose - Assembly (Incl. Ref. #69 & 74)	1
67	63-3810	Hose - Assembly (Incl. Ref. #68 & 69)	1
68	56-7980	Sleeve - Protective	3
69	3290-378	Tie - Cable	12
70	63-3840	Hose - Assembly (Incl. Ref. #69 & 71)	1
71	56-7981	Sleeve - Protective	1
72	74-3830	Hose - Assembly (Incl. Ref. #68 & 69)	1
73	237-58	O-Ring	1



T-0643

VALVE BANK AND HYDRAULIC RESERVOIR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
74	56-7986	Sleeve - Protective	1	80	340-110	Fitting - Hydraulic 90° (Incl. Ref. #3)	1
75	56-7987	Sleeve - Protective	1	81	76-2810	Valve - Needle	1
76	237-65	O-Ring	6	82	340-1	Fitting - Hydraulic Straight (Incl. Ref. #3 & 11)	1
77	71-0990	Orifice - One Way	1				
78	27-3030	Felt - Strap	2				
79	76-1720	Gasket	1				



T-0300

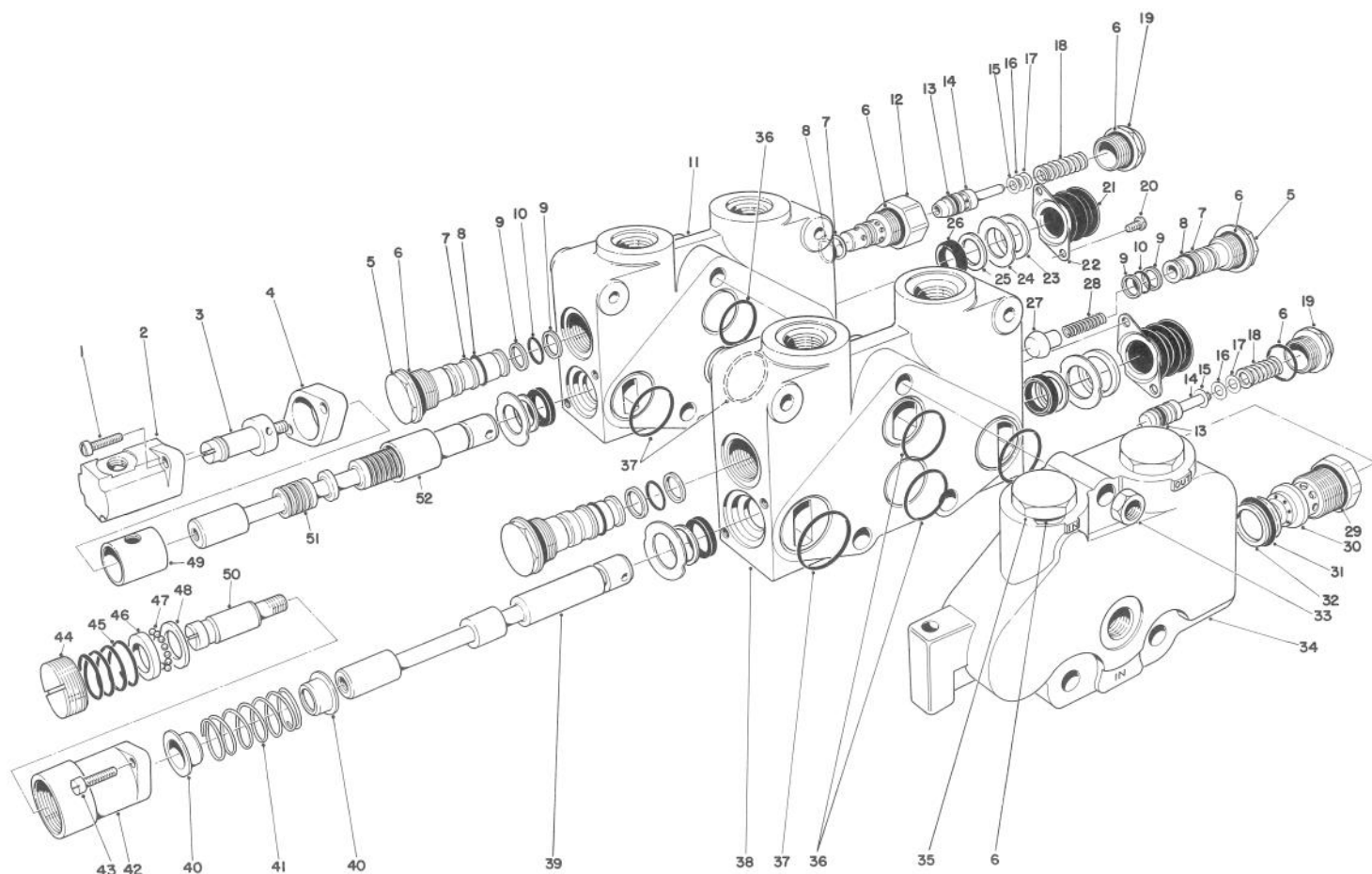
REEL MOTOR NO. 70-9800

Ref. No.	Part No.	Description	No. Used
1	353-601	Screw - Hex Socket Hd.	4
2	353-600	Washer	4
3	353-588	Cover - Motor	1
4	353-599	Pin - Dowel	2
5	353-597	Bridging - Insert	1
6	353-598	Gasket - Insert	1
7	353-593	Idler Gear Assembly	1
8	353-591	Block - Anti-Extrusion	1
9	32151-41	Ring - Retaining	1
10		Seal - Shaft	1
11		Spacer	1
12	353-777	Body - Motor (Incl. Ref. #13)	1

Ref. No.	Part No.	Description	No. Used
13	353-586	Bearing - Needle	4
14	353-594	Seal Assembly	1
15	353-595	Plate - Wear	1
16	353-592	Drive Shaft Assembly	1
17	353-596	O-Ring	1
*	72-4380	Seal Kit (Incl. Ref. #9-11)	1
*	72-4390	Repair Kit (Incl. Ref. #5, 6, 8-11, 14, 15 & 17)	1
*†		Seal Installer	1
*†		Seal Protector	1

*Not Illustrated

†Special Tool Ref. Page 69-70

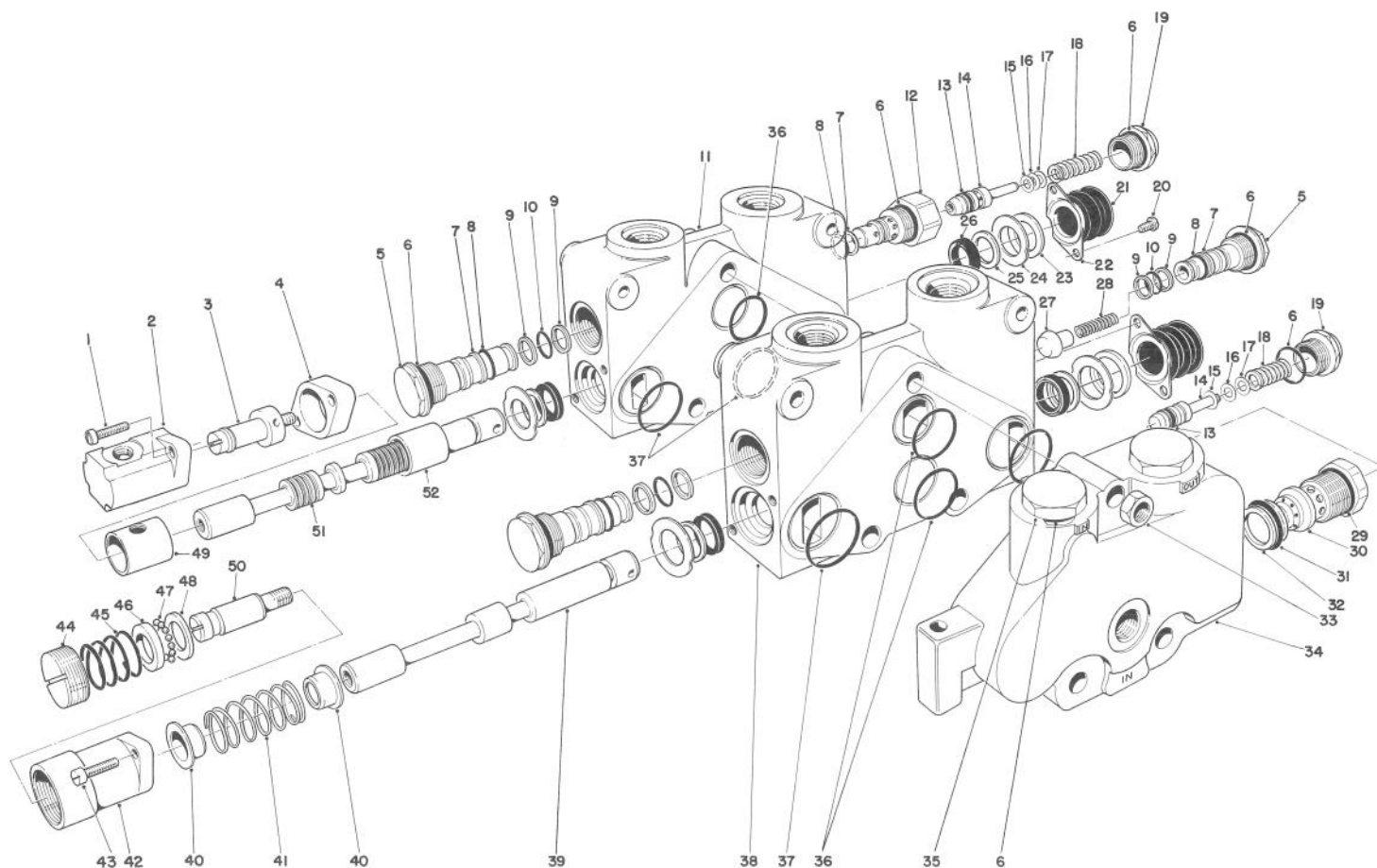


T-0301A

CONTROL VALVE ASSY. NO. 84-2200 (Sections 1 & 2)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3274-70	Screw - Hex, Socket Hd.	2	24	353-959	Plate - Seal Retainer	4
2	353-727	Bonnet	1	25	353-958	Ring - Backup	4
3	353-729	Spud - Detent	1	26	353-957	Seal - Lip	4
4	353-733	Spacer - Bonnet	1	27	353-301	Poppet	1
5	353-481	Plug - Load Check (Incl. Ref. #6-10)	3	28	353-304	Spring	1
6	237-54	O-Ring	8	29	353-331	O-Ring	1
7	353-306	Ring - Backup	4	30	353-760	Body Relief	1
8	353-305	O-Ring	4	31	353-758	Seal - O-Ring	1
9	353-303	Ring - Backup	6	32	353-952	Ring - Backup	1
10	353-302	O-Ring	3	33	3217-7	Nut - Hex	3
11		Housing V20T	1	34	353-772	Left End Cover	1
12	353-851	Body - Relief CP-RC Mod.	1	35	353-721	Plug (Incl. Ref. #6)	2
13	353-392	Seal - Relief Poppet PTFE	2	†36		O-Ring	3
14	353-531	Poppet Assy. (Incl. Ref. #13)	2	†37		O-Ring	5
15	353-328	Washer - Shim	A/R	†38		Housing Section #1	1
16	353-329	Washer - Shim	A/R	†39		Spool V20 SPL	1
17	353-330	Washer - Shim	A/R	40	353-417	Collar Spring	2
18	353-855	Spring	2	41	353-530	Spring	1
19	353-334	Cap - Relief	2	42	353-780	Bonnet - R. Detent	1
20	3274-52	Screw - Hex, Socket Hd.	4	43	3274-15	Screw - Fillister Hd.	2
21	353-575	Boot - Dust Cap	2	44	353-763	Cap - Adjustment	1
22	353-559	Retainer - Boot	2	45	353-579	Spring	1
23	353-560	Washer - Breather	2	46	42-2680	Race R. Detent	1
				47	52-5880	Ball - Steel	12

†Parts Available as Assemblies Listed as (*Not Illustrated) on Following Page



T-0301A

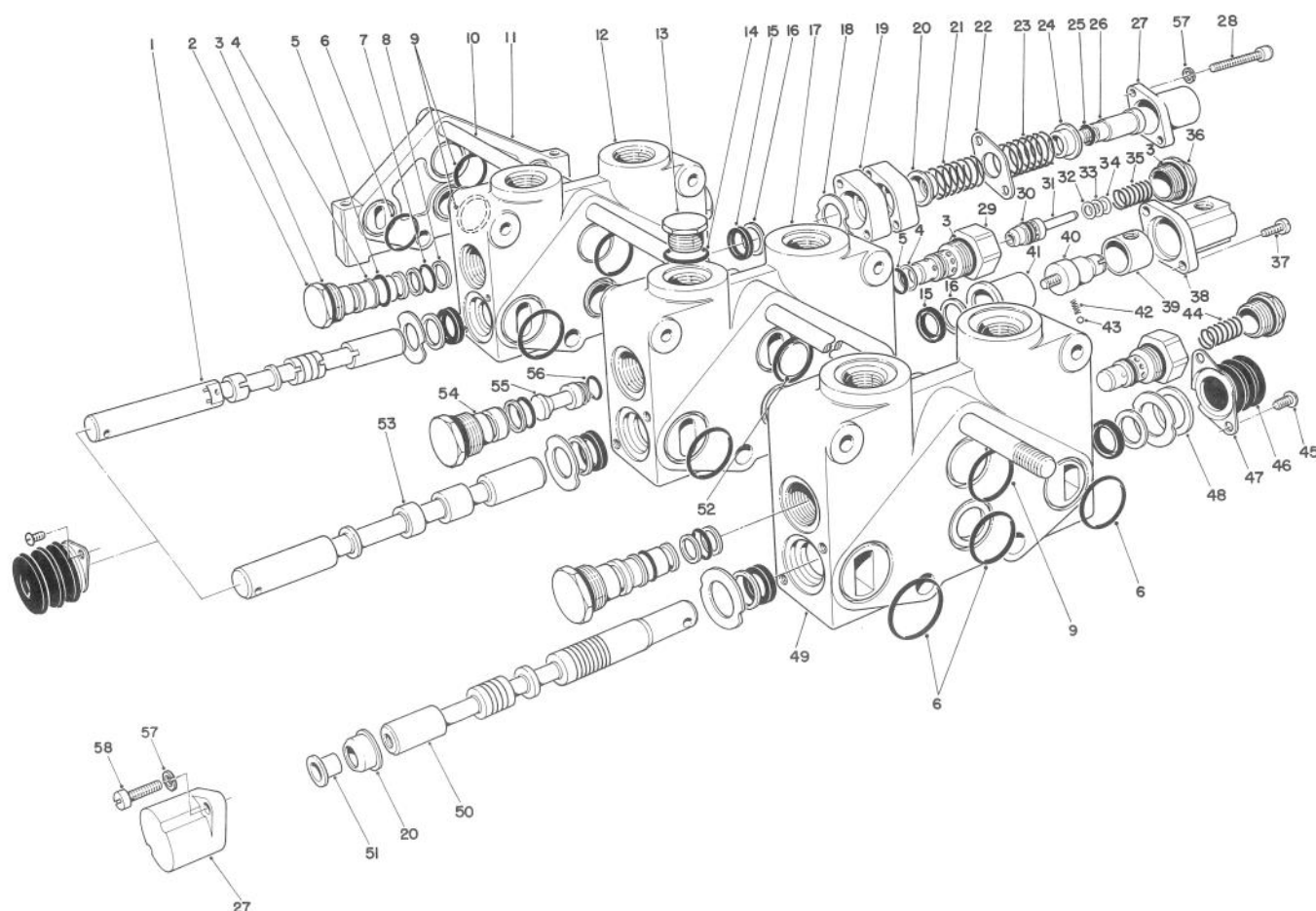
CONTROL VALVE ASSEMBLY NO. 84-2200 (Sections 1 And 2) (Continued)

Ref. No.	Part No.	Description	No. Used
48	354-29	Plate - Thrust	1
49	353-728	Sleeve	1
50	353-780	Spud - Detent Out (Incl. Ref. #44)	1
†51		Spool V20 3 Way F.F.	1
52	353-732	Sleeve - Detent	1
*	353-766	Relief WH (2000) PSI Assy. (Incl. Ref. #6,13-19, 29-32)	1
*	353-768	Section #1 Complete	1
*	353-837	Section #2 Complete	1
*	353-780	Positioner - R. Detent (Out) (Incl. Ref. #3 & 40-49)	1

Ref. No.	Part No.	Description	No. Used
*	353-839	Positioner - DI (SPL) Assy. (Incl. Ref. #1, 3-5, 50 & 52)	1
*	353-642	Relief - RC Mod. (Incl. Ref. #6-8 & 12-19)	2
*	353-835	Seals - Section Set (Incl. Ref. #36 & 37)	1
*	12-7009	Seal - Spool Set (Incl. Ref. #24-26)	1
*	353-854	Boot - Spool Assembly (Incl. Ref. #20-23)	2

*Not Illustrated

†Parts Available as Assemblies Listed as (*Not Illustrated) on This Page

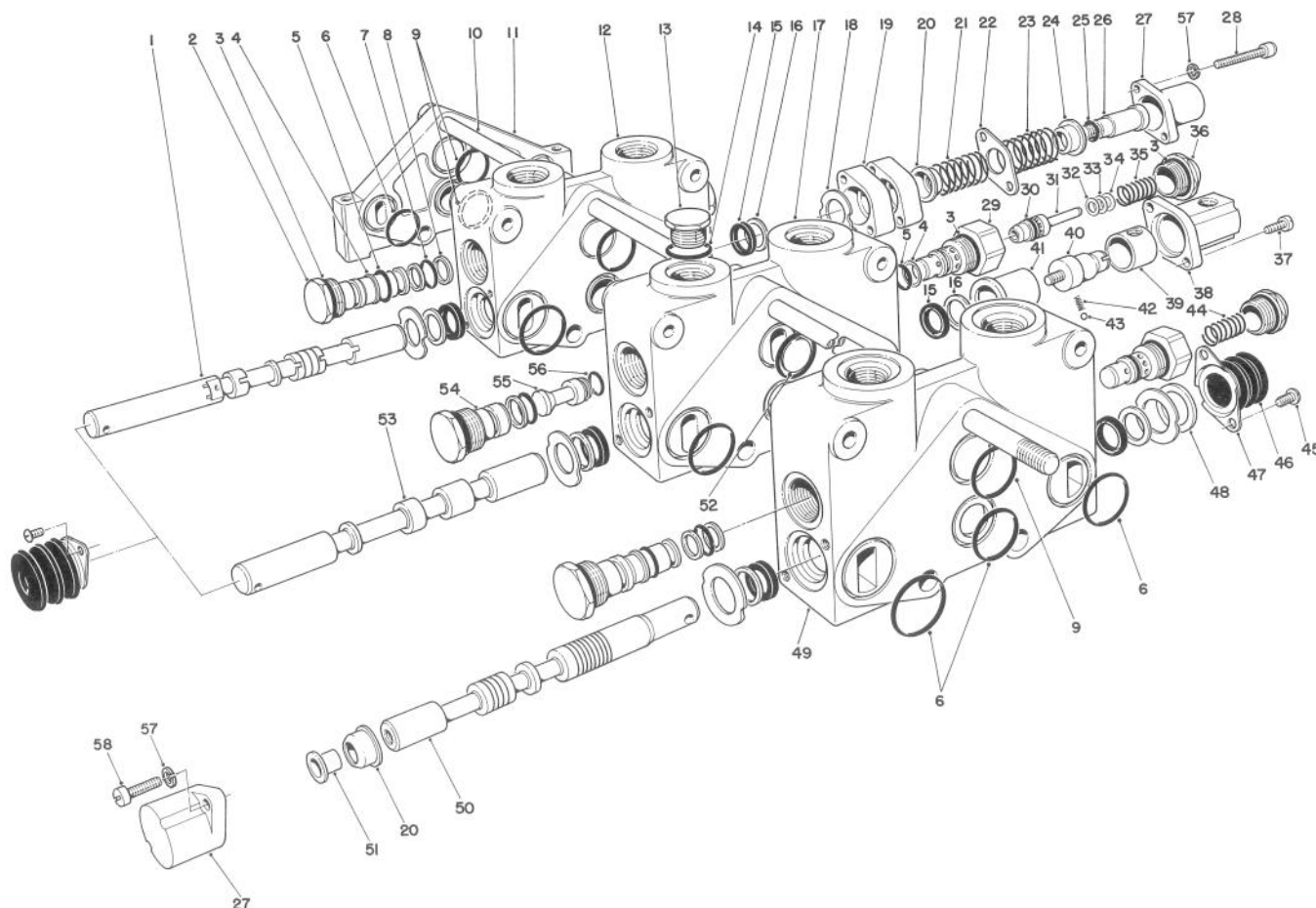


T-0302A

CONTROL VALVE ASSY. NO. 84-2200 (Sections 3 Thru 5)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1		Spool #5	1	24	353-808	Collar - Spring	1
2	353-481	Plug - Load Check (Incl. Ref. #3-5 & 7-8)	3	25	353-830	O-Ring	1
3	237-54	O-Ring	6	26	353-829	Collar Spool	1
4	353-306	Ring - Backup	5	27	354-26	Bonnet	2
5	353-305	O-Ring	5	28	354-28	Screw - Hex, Socket Hd.	2
†6		O-Ring	11	29	353-851	Body - Relief CP-RC Mod.	2
7	353-302	O-Ring	3	30	353-392	Seal - Relief Poppet PTFE	2
8	353-303	Ring - Backup	6	31	353-531	Poppet Assembly (Incl. Ref. #30)	2
†9		O-Ring	5	32	353-328	Washer - Shim	A/R
10	353-853	Bolt - Hex Hd.	3	33	353-329	Washer - Shim	A/R
11	353-668	Plate - Cap, Cover RH	1	34	353-330	Washer - Shim	A/R
12		Housing V20 #5	1	35	353-398	Spring	1
13	353-550	Plug Assembly (Incl. Ref. #14)	1	36	353-334	Cap - Relief	2
14	353-848	O-Ring	1	37	52-5900	Screw - Fillister Hd.	4
15	353-957	Seal - Lip	6	38	353-847	Bonnet (SPL)	1
16	353-958	Ring - Backup	6	39	353-849	Sleeve	1
†17		Housing V20 #4	1	40	353-846	Spud - DI (SPL)	1
18	353-959	Plate - Seal Retainer	6	41	353-845	Sleeve - Detent	1
19	353-733	Spacer - Bonnet	2	42	353-730	Spring	1
20	353-417	Collar Spring	2	43	353-731	Ball	1
21	353-831	Spring	1	44	353-855	Spring	1
22	353-529	Plate Seal	1	45	3274-52	Screw - Hex, Socket Hd.	6
23	353-530	Spring	1	46	353-575	Boot - Dust Cap	3
				47	353-559	Retainer - Boot	3

†Parts Available as Assemblies Listed as (*Not Illustrated) on Following Page



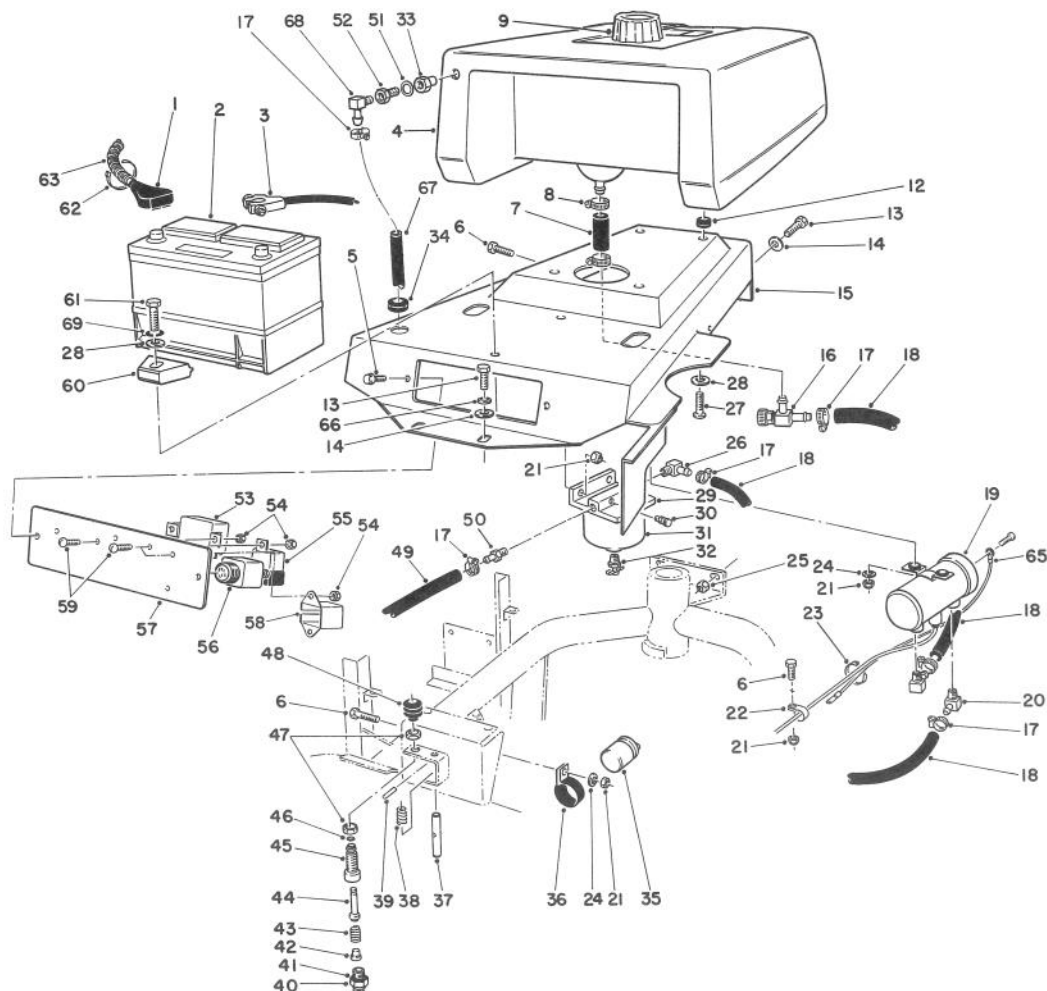
T-0302A

CONTROL VALVE ASSEMBLY NO. 84-2200 (Sections 3 Thru 5) (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†48	353-560	Washer - Breather	3	*	353-770	Section #3 Assembly (Complete)	1
49		Housing V20 #2	1	*	354-25	Section #4 Assembly (Complete)	1
†50		Spool V20 3 Way F.F.	1	*	353-834	Section #5 Assembly (Complete)	1
51	52-5860	Collar - Spool	1	*	353-841	Position - Spool Assembly (Incl. Ref. #20 27 37 & 51)	1
52	353-765	Disc - Seal	1	*	353-840	Position - DI (SP) Assy. (Incl. Ref. #37-43)	1
†53	354-122	Spool #4	1	*	353-642	Relief - RC Mod. Assembly (Incl. Ref. #3-5 & 29-36)	1
54	353-953	Plug Assembly	1	*	353-833	Positioner Assembly (Incl. Ref. #19-28)	1
55	353-844	Plus Series (Incl. Ref. #56)	1	*	70-8210	Control Valve Assembly Complete	1
56	353-850	O-Ring	1				
57	3253-3	Washer - Lock	4				
58	3274-84	Screw - Cap, Hex. Hd.	4				
*	353-835	Seals - Section Set (Incl. Ref. #6 & 9)	1				
*	12-7009	Seal - Spool Set (Incl. Ref. #15, 16 & 18)	1				
*	353-854	Boot - Spool Assembly (Incl. Ref. #45-48)	3				

*Not Illustrated

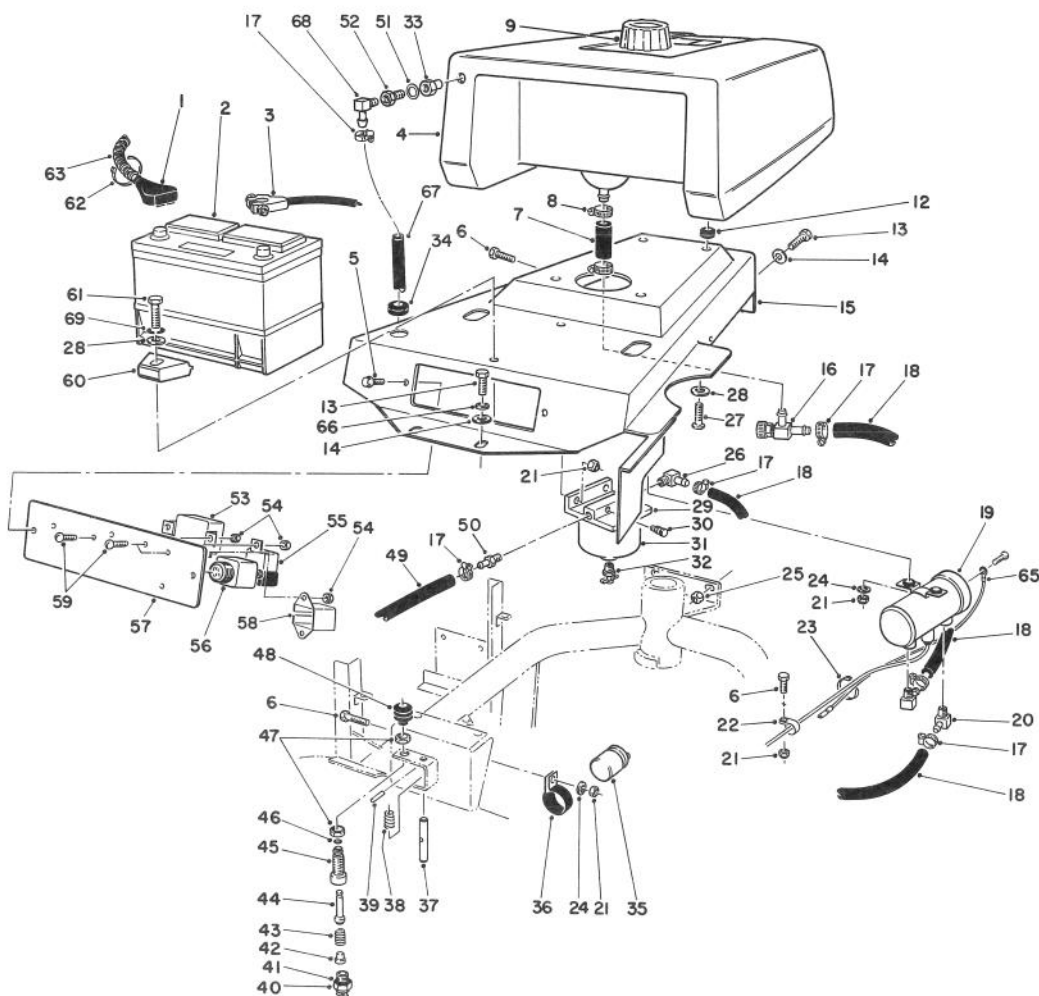
†Parts Available as Assemblies Listed as (*Not Illustrated) on This Page



T-0637

GAS TANK & BATTERY ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-5460	Cable - Battery, Positive	1	28	3256-24	Washer - Flat	6
2	13-6259	Battery	1	29	63-8280	Head Assembly	1
3	68-5500	Cable - Battery, Negative	1	30	63-8290	Fitting - Vent	1
4	76-4380	Tank - Fuel, Diesel	1	31	63-8300	Element - Filter	1
5	32144-1	Screw - Thread Forming	2	32	63-8310	Fitting - Drain	1
6	321-4	Screw - Cap, Hex. Hd.	4	33	52-1890	Wellnut - Rubber	1
7	56-2230	Hose - Fuel	1	34	237-124	Grommet	1
8	2412-36	Clamp - Hose	2	35	37-2690	Capacitor	1
9	55-3577	Cap - Fuel	1	36	2412-74	Clamp-R	1
12	237-136	Grommet	4	37	51-0350	Pin - Spring, Seat	1
13	323-6	Screw - Cap, Hex. Hd.	4	38	3-6685	Spring - Compression	1
14	3256-3	Washer - Flat	4	39	3284-3	Pin - Groove	1
15	68-5510	Base - Tank, Fuel	1	40	38-0430	Switch - Neutral (Incl. Ref. #41)	1
16	56-2520	Valve - Shutoff, Fuel	1	41	237-30	O-Ring	1
17	2412-108	Clamp - Hose	8	42	43-8610	Guide - Spring & Ball Seat	1
18	63-7622	Hose - Fuel	2	43	43-8600	Spring - Compression	1
19	53-8150	Pump - Fuel (Incl. Ref. #65)	1	44	43-8860	Plunger - Switch	1
20	67-1690	Fitting	2	45	43-8620	Guide - Pin, Switch	1
21	3296-16	Nut - Lock	5	46	237-7	O-Ring	1
22	2412-89	Clamp-R	1	47	218-461	Nut - Jam	2
23	3290-379	Tie - Cable	3	48	43-8870	Boot - Switch	1
24	3256-22	Washer - Flat	3	49	63-7623	Hose - Fuel	1
25	3296-39	Nut - Lock	2	50	353-783	Fitting - Straight	1
26	353-707	Fitting	1	51	53-9880	Washer	1
27	3250-36	Screw - Pan Head	4	52	52-1880	Adapter - Fitting, Fuel	1



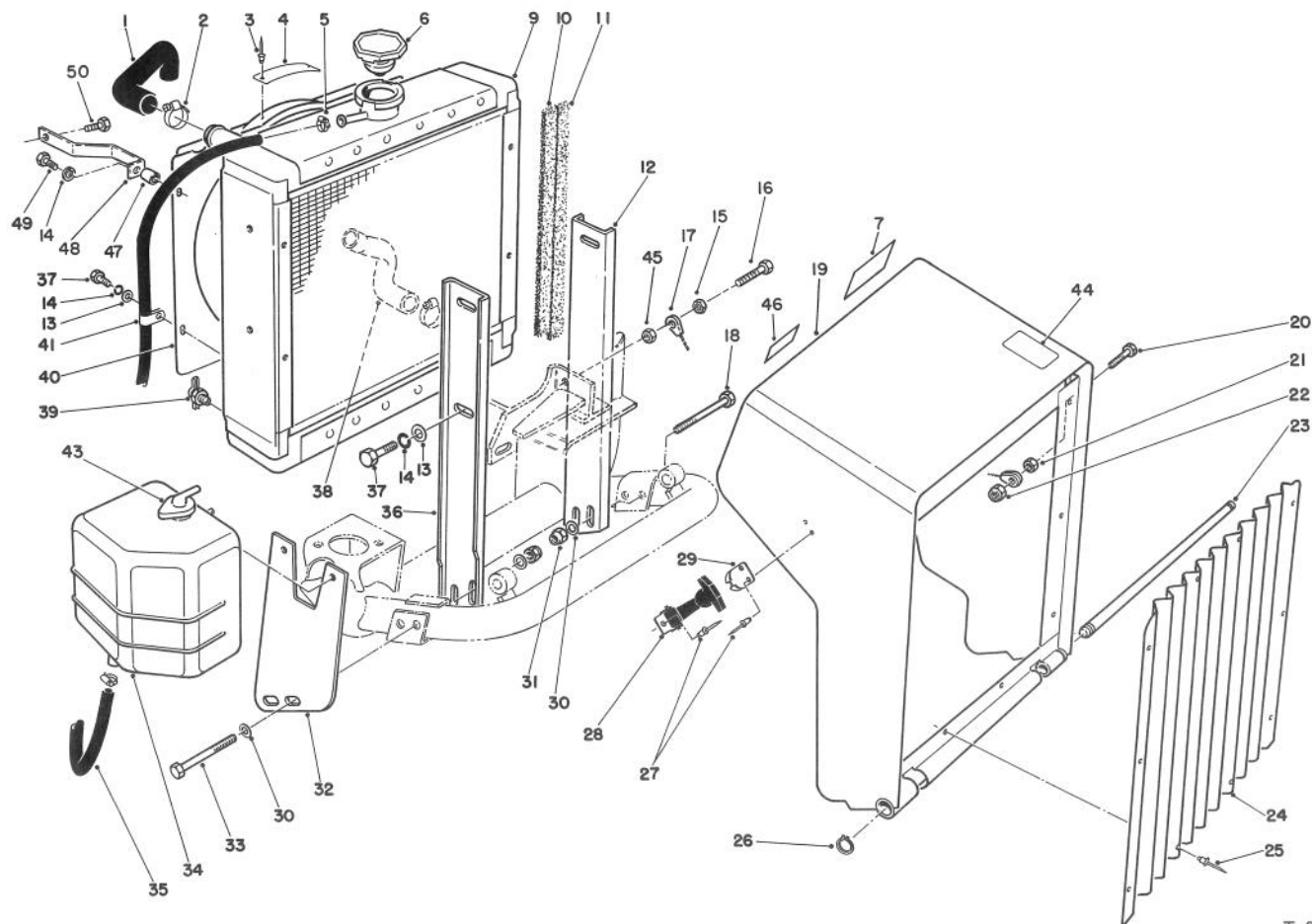
T-0637

GAS TANK & BATTERY (Continued)

Ref. No.	Part No.	Description	No. Used
53	66-8800	Relay - Glow	1
54	32149-7	Nut - KEPS	6
55	63-7590	Relay - SPDT	2
56	67-4700	Indicator - Glow (Incl. Ref. #58)	1
57	68-5680	Plate - Electrical	1
58		Retainer - Plug, Glow	1
59	32105-8	Screw - Machine	6
60	66-2490	Retainer - Battery	2
61	323-9	Screw - Cap, Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
62	3290-378	Tie - Cable	4
63	70-8510	Tubing - Convoluted	1
65	70-8530	Wire - Pump, Fuel	1
66	3253-21	Washer - Lock	2
67	76-4420	Hose - Fuel	1
68	76-4430	Fitting - Fuel	1
69	3254-6	Washer - Lock	2
*	44-1070	Switch Assembly (Incl. Ref. #40-48)	1

*Not Illustrated

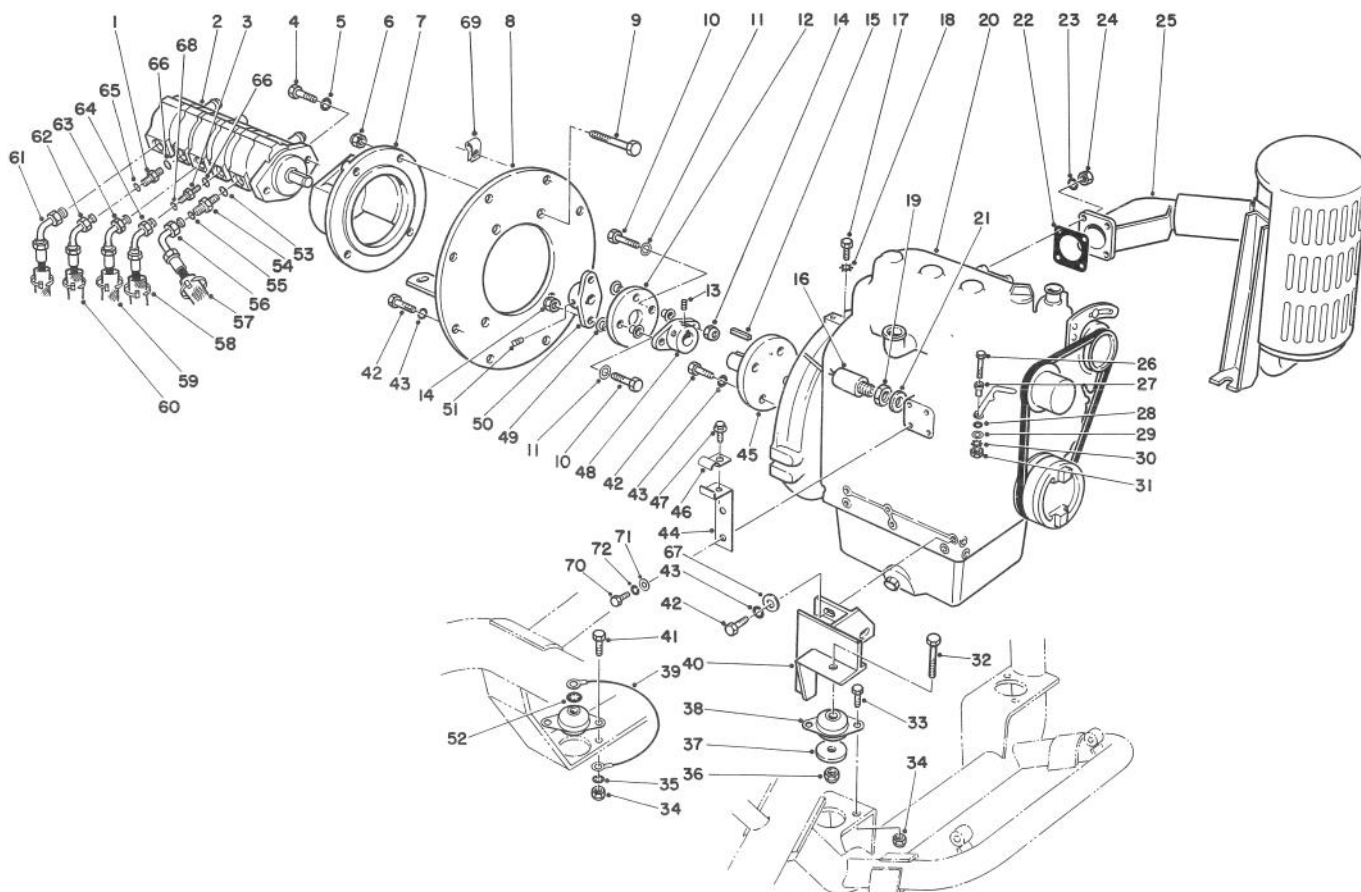


T-0649

RADIATOR & GRILLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68-4850	Hose - Upper	1
2	2412-3	Clamp	4
3	3290-271	Rivet	2
4	76-8750	Plate - Warning	1
5	2412-108	Clamp - Gear, Worm	2
6	66-3240	Cap - Radiator	1
7	83-6730	Decal - Coolant, Engine	1
9	68-5230	Radiator (Incl. Ref. #39)	1
10	68-5240	Strip - Foam	2
11	68-5241	Strip - Foam	2
12	68-5660	Support - Radiator, Rear	1
13	3256-23	Washer - Flat	7
14	3253-4	Washer - Lock	8
15	3217-6	Nut - Hex.	1
16	322-6	Screw - Cap, Hex. Hd.	1
17	72-9870	Cable	1
18	323-12	Screw - Cap, Hex. Hd.	2
19	68-4860	Hood - Radiator	1
20	321-6	Screw - Cap, Hex. Hd.	1
21	3218-1	Nut - Jam	1
22	3296-16	Nut - Lock	1
23	85-6560	Pin - Pivot, Hood	1
24	68-5670	Grille	1
25	3290-409	Rivet - Pop	10

Ref. No.	Part No.	Description	No. Used
26	32151-101	Ring - Retaining	2
27	3290-55	Rivet - Pop	8
28	59-9740	Latch Assembly (Incl. Ref. #29)	2
29		Keeper	2
30	3256-3	Washer - Flat	6
31	3296-59	Nut - Lock	4
32	68-5640	Bracket - Tank, Reserve	1
33	323-13	Screw - Cap, Hex. Hd.	2
34	63-7380	Tank - Reserve	1
35	68-5470	Hose	1
36	68-5650	Support - Radiator, Front	1
37	322-3	Screw - Cap, Hex. Hd.	7
38	68-4840	Hose	1
39	304-46	Cock - Drain, Radiator	1
40	68-5180	Shroud - Radiator	1
41	2412-41	Clamp	1
43	71-1520	Cap - Tank, Reserve	1
44	63-8440	Decal - Hot Surface	1
45	3296-29	Nut - Lock	1
46	54-0910	Decal - Warning	1
47	75-9610	Spacer	1
48	75-9630	Brace	1
49	322-9	Screw - Cap, Hex. Hd.	1
50	32144-14	Screw - Cap, Hex. Hd.	1



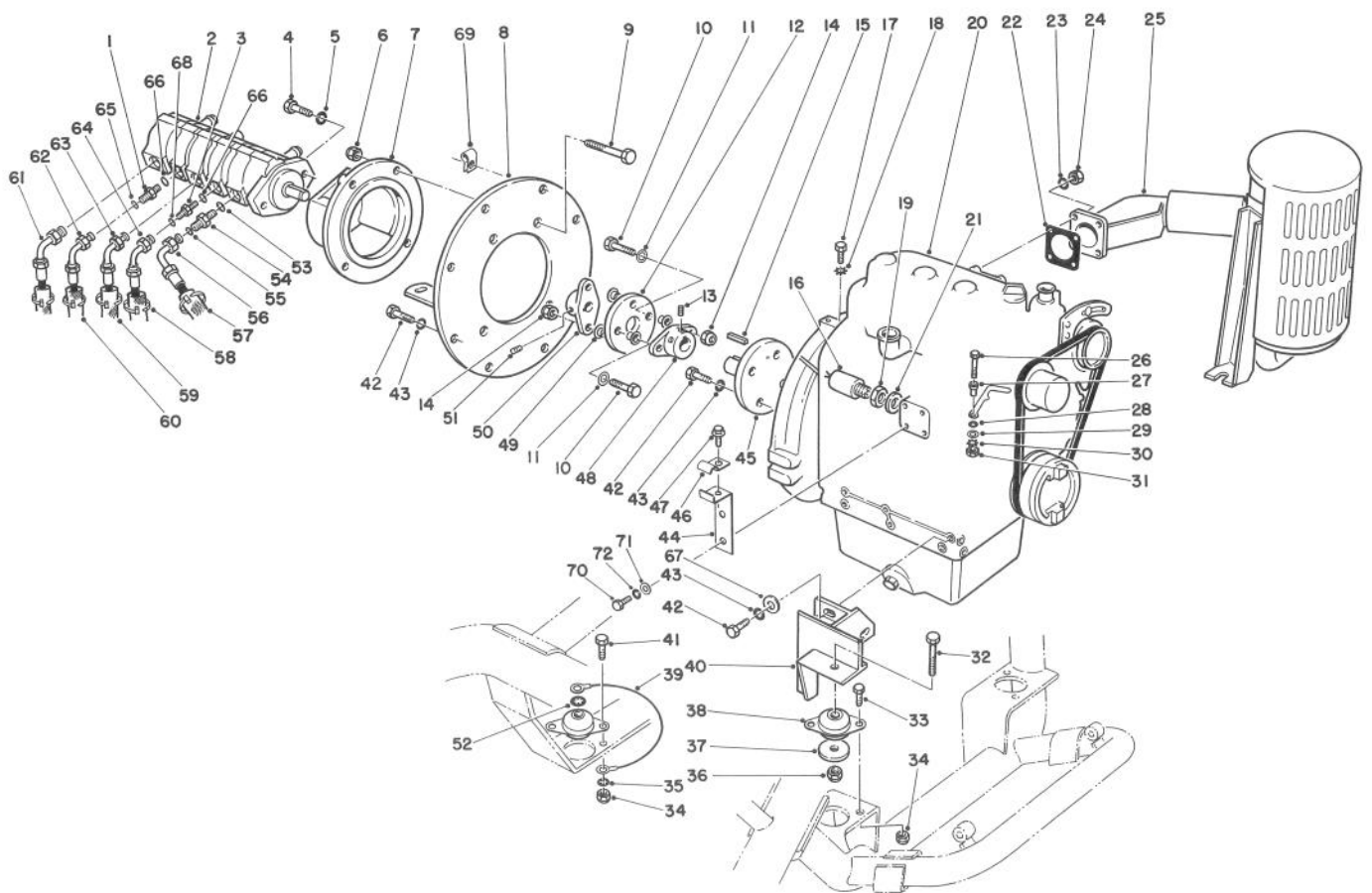
T-0646

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	340-1	Fitting - Hydraulic (Incl. Ref. #65 & 66)	1
2	68-4940	Pump - Gear	1
3	340-2	Fitting - Hydraulic (Incl. Ref. #65 & 68)	3
4	323-8	Screw - Cap, Hex. Hd.	2
5	3253-29	Washer - Lock	2
6	3296-48	Nut - Lock	4
7	68-4930	Mount - Pump	1
8	68-4960	Plate - Flywheel	1
9	324-7	Screw - Cap, Hex. Hd.	4
10	322-6	Screw - Cap, Hex. Hd.	4
11	3256-23	Washer - Flat	4
12	44-2230	Coupling - Rubber	1
13	3241-2	Screw - Set, Sq. Hd.	2
14	3296-29	Nut - Lock	4
15	67-7490	Key	1
16	63-7440	Solenoid - Stop	1
17	70-8470	Screw	1
18	3255-16	Washer - Lock, Int. Tooth	1
19	43-2750	Nut - Jam	1
20	68-4950	Engine Assembly	1
21	43-2740	Gasket - Solenoid	1
22	42-9110	Gasket - Muffler	1
23	42-9850	Washer - Lock	4
24	48-7930	Nut	4

Ref. No.	Part No.	Description	No. Used
25	68-5080	Muffler - Exhaust	1
26	67-5110	Bolt	1
27	67-5100	Bushing	1
28	67-5120	Washer - Spring	1
29	67-5130	Washer - Flat	1
30	67-5140	Washer - Serrated	1
31	67-5150	Nut	1
32	323-11	Screw - Cap, Hex. Hd.	4
33	322-4	Screw - Cap, Hex. Hd.	7
34	3296-29	Nut - Lock	8
35	3254-2	Washer - Lock, Int. Tooth	1
36	3296-59	Nut - Lock	4
37	63-7400	Washer - Rebound	4
38	63-7140	Mount - Shock	4
39	70-8220	Cable - Ground	1
40	68-4990	Bracket - Engine, RH	1
*	68-5050	Bracket - Engine, LH	1
41	322-5	Screw - Cap, Hex. Hd.	1
42	63-7790	Screw	18
43	48-9590	Washer - Lock	18
44	68-5090	Support - Cable, Throttle	1
45	68-4920	Hub - P.T.O.	1
46	2412-31	Clip - Cable	1
47	12-3270	Screw - Washer Hd.	1
48	27-1960	Hub	1
49	27-6600	Spacer	4

*Not Illustrated



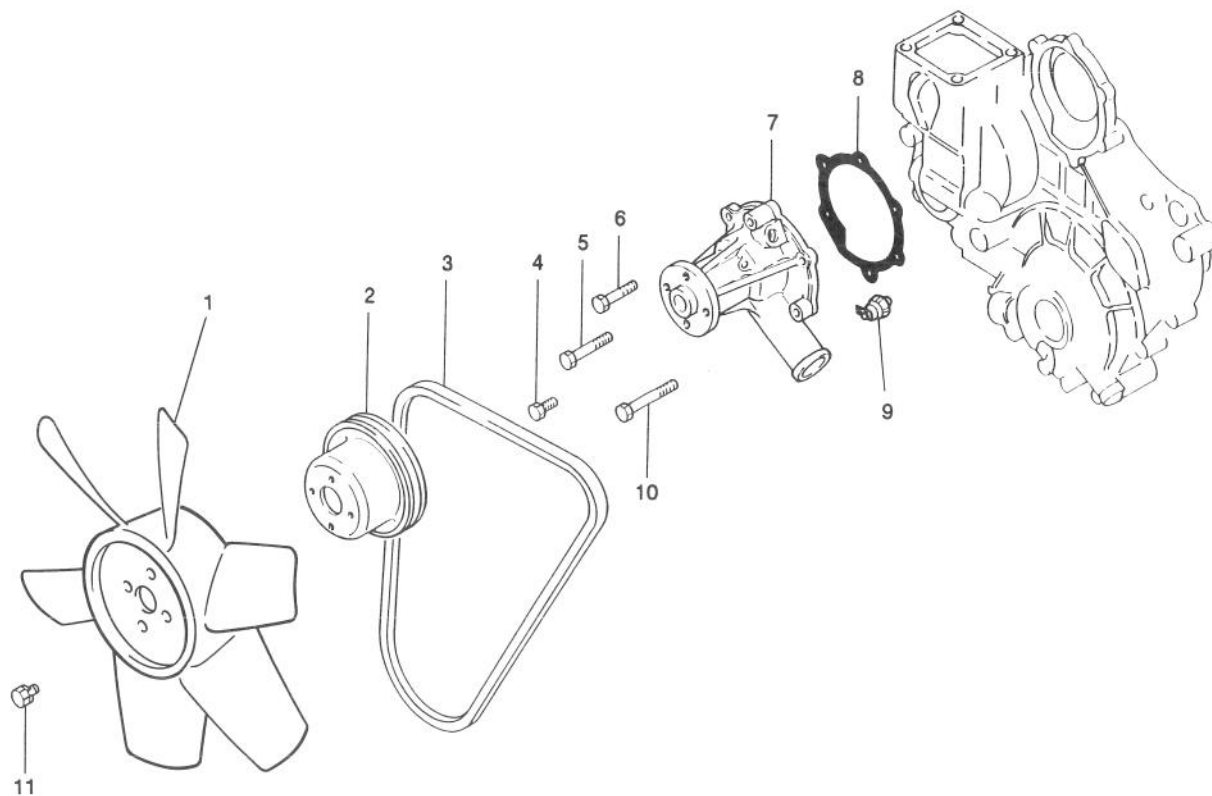
T-0646

ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
50	27-1970	Hub	1
51	3241-6	Screw - Set, Sq. Hd.	2
52	3254-6	Washer - Lock, Int. Tooth	1
53	237-80	O-Ring	1
54	340-6	Fitting - Hydraulic (Incl. Ref. #53 & 55)	1
55	237-30	O-Ring	1
56	68-5810	Hose - Assembly (Incl. Ref. #57 & 58)	1
57	56-7984	Sleeve - Protective	1
58	3290-378	Tie - Cable	10
59	70-8450	Sleeve - Protective	3
60	70-8445	Sleeve - Protective	1
61	68-5850	Hose - Assembly (Incl. Ref. #58 & 59)	1

Ref. No.	Part No.	Description	No. Used
62	68-5840	Hose - Assembly (Incl. Ref. #58 & 60)	1
63	68-5770	Hose - Assembly (Incl. Ref. #58 & 59)	1
64	68-5710	Hose - Assembly (Incl. Ref. #58 & 59)	1
65	237-35	O-Ring	1
66	237-42	O-Ring	4
67	3256-24	Washer	6
68	237-22	O-Ring	3
69	2412-39	Clamp	1
70	48-7630	Screw - Cap, Metric	1
71	48-8010	Washer - Flat	1
72	48-8020	Washer - Lock	1
*	70-8550	Spark Arrester (Optional)	1

*Not Illustrated

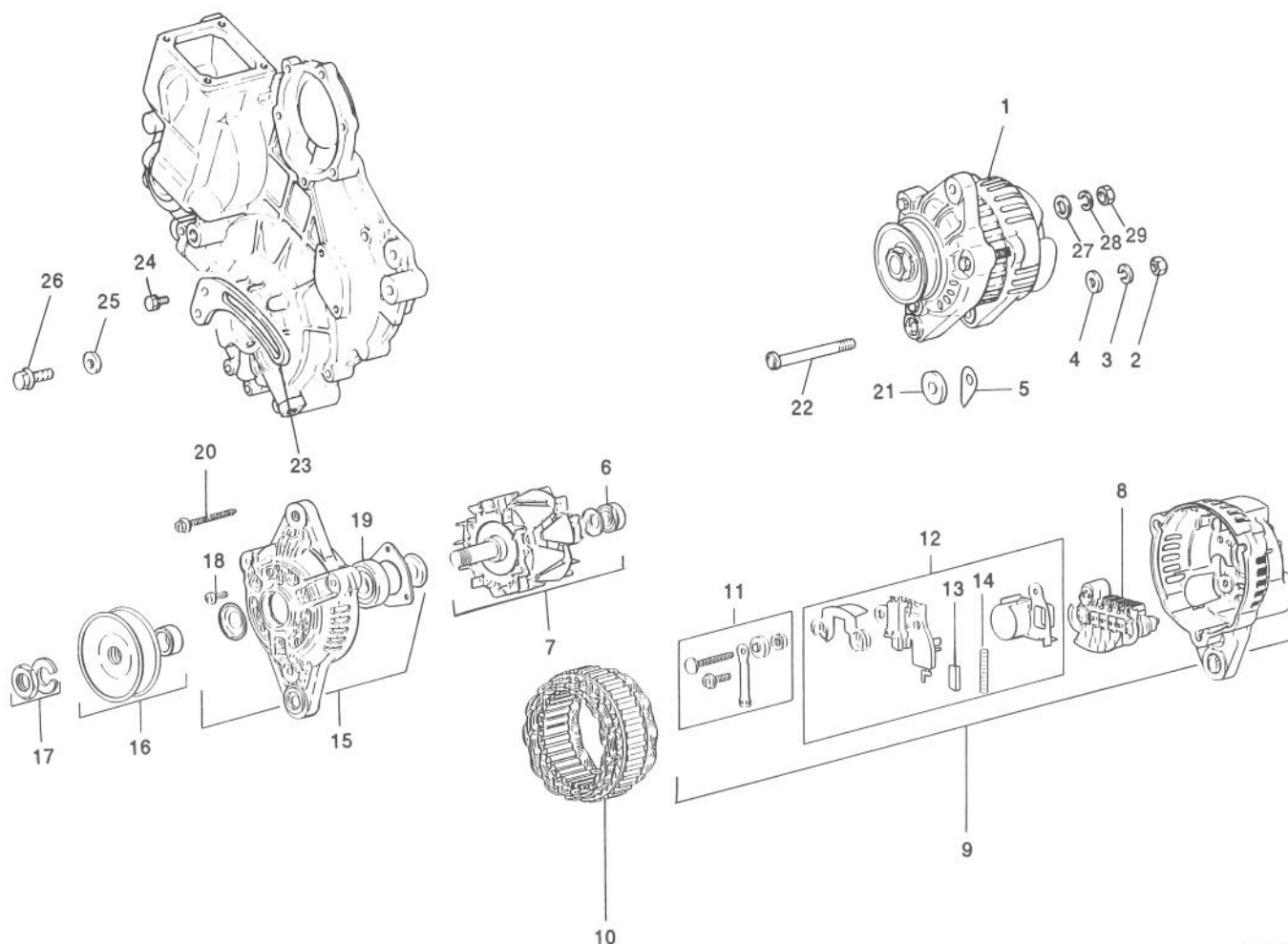


T-0614

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-8730	Fan	1
2	67-4370	Pulley	1
3	67-4410	Belt - V	1
4	67-2330	Bolt	2
5	67-4400	Bolt	1
6	67-2600	Bolt	1

Ref. No.	Part No.	Description	No. Used
7	70-8740	Pump Assembly	1
8	67-4390	Gasket	1
9	67-4350	Switch Assy. - Press. Oil	1
10	67-2610	Bolt	2
11	42-9490	Bolt & Washer	4

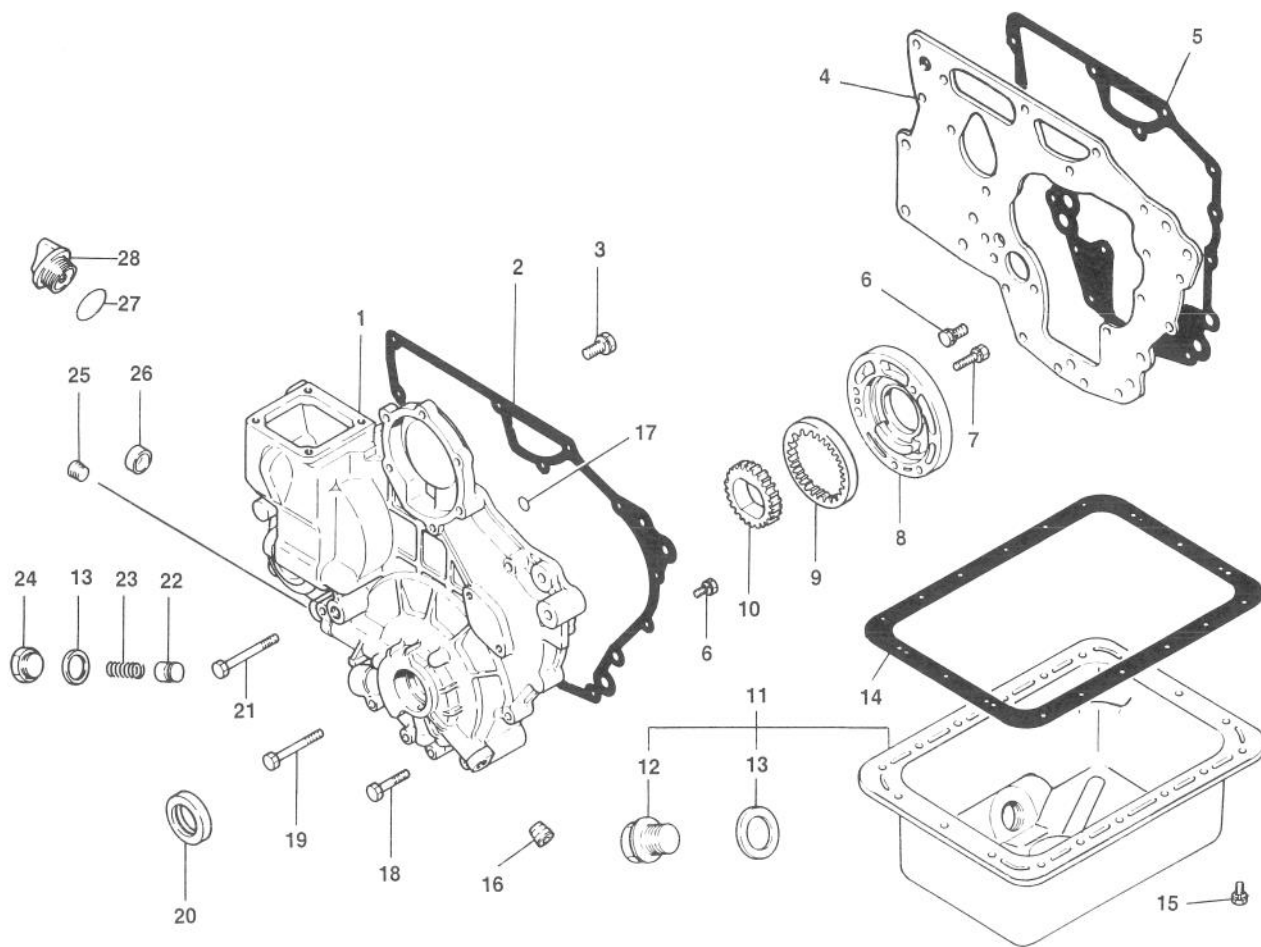


T-0573

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4630	Alternator Assembly (Incl. Ref. #6-17)	1
2	67-4670	Nut	1
3	67-3260	Washer	1
4	42-9660	Washer	1
5	43-0370	Shim	1
6	67-4870	Bearing - Rear	1
7	67-4860	Rotor Assembly (Incl. Ref. #6)	1
8	67-4930	Rectifier Assembly	1
9	67-4890	Rear Bracket Assembly (Incl. Ref. #8, 11 & 12)	1
10	67-4880	Stator Assembly	1
11	67-4900	Terminal Set	1
12	67-4910	Regulator Assembly (Incl. Ref. #13 & 14)	1
13	67-4920	Brush	2
14	43-0510	Spring - Brush	2

Ref. No.	Part No.	Description	No. Used
15	67-4830	Front Bracket Assembly (Incl. Ref. #18 & 19)	1
16	67-4810	Pulley Set	1
17	43-1920	Nut - Special	1
18	67-4840	Screw - Set	1
19	67-4850	Bearing - Front	1
20	67-4820	Bolt Set	1
21	67-4620	Spacer	1
22	67-4640	Bolt	1
23	67-4650	Brace	1
24	42-9440	Bolt & Washer	1
25	54-8660	Washer	1
26	67-4660	Bolt - Flange	1
27	5-3637	Washer - Flat	1
28	43-5920	Washer - Lock	1
29	43-5970	Nut - Hex.	1



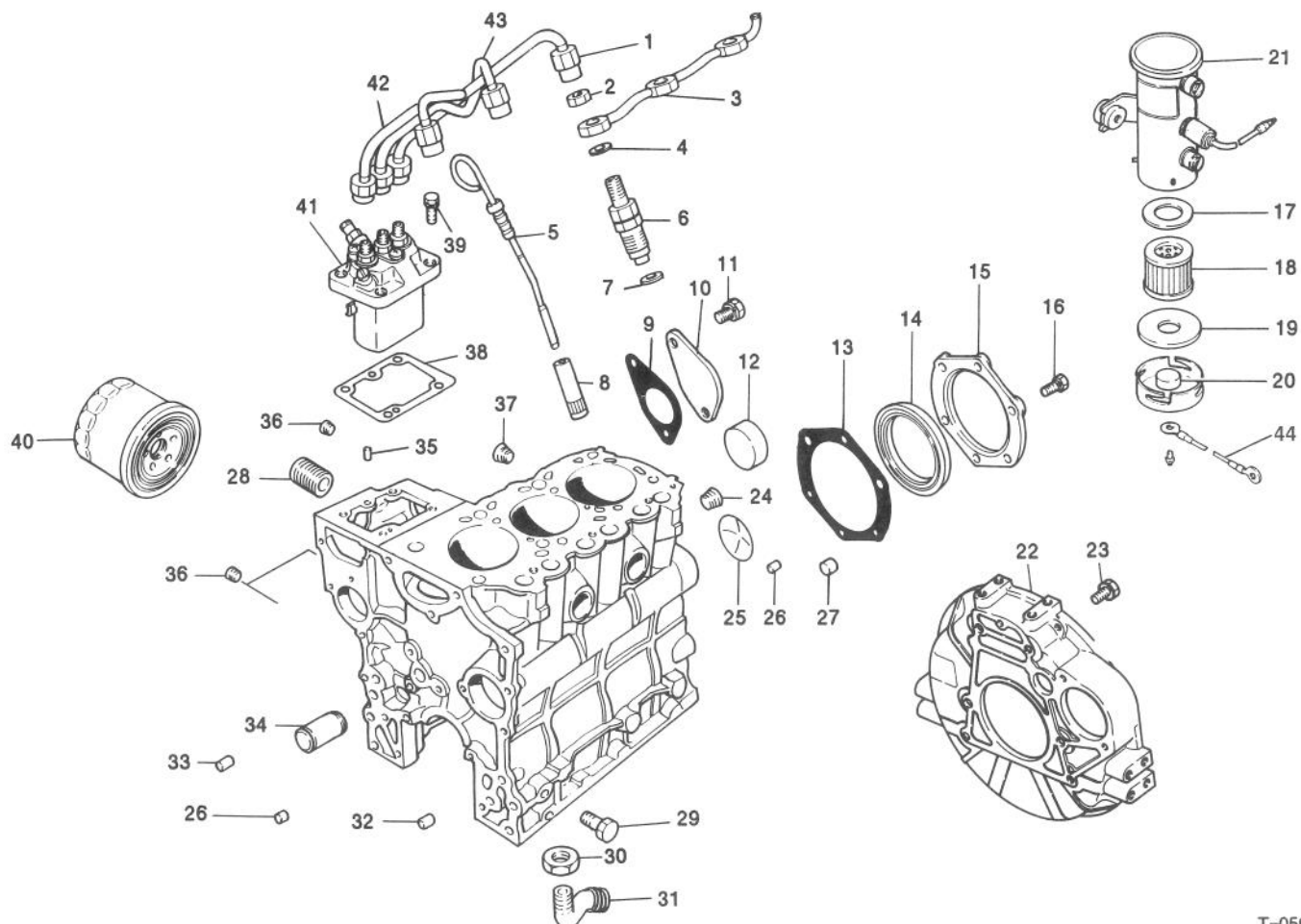
T-0613

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-2490	Crankcase Sub-Assembly	1
2	67-2580	Gasket - Case	1
3	67-2340	Bolt & Washer	3
4	67-2310	Plate	1
5	67-2320	Gasket - Plate	1
6	42-9440	Bolt & Washer	11
7	67-2560	Bolt & Washer	3
8	67-2550	Housing - Pump, Oil	1
9	67-2540	Gear - Outer	1
10	67-2530	Gear - Inner	1
11	67-2470	Oil Pan Assembly (Incl. Ref. #15 & 16)	1
12	42-9260	Plug	1
13	42-7290	Gasket - Drain, Oil	2
14	67-2480	Gasket - Pan, Oil	1
15	42-9490	Bolt & Washer	18

Ref. No.	Part No.	Description	No. Used
16	42-7210	Plug	1
17	67-2630	O-Ring	2
18	67-2600	Bolt	3
19	67-2610	Bolt	4
20	67-2590	Seal - Oil	1
21	67-2620	Bolt	1
22	67-2500	Plunger	1
23	67-2510	Spring	1
24	67-2520	Plug	1
25	67-2570	Plug	1
26	67-2640	Cap	1
27	67-2660	O-Ring	1
28	67-2650	Oil Fill Cap Assembly (Incl. Ref. #27)	1
*	70-8790	GASKet Kit	1

*Not Illustrated



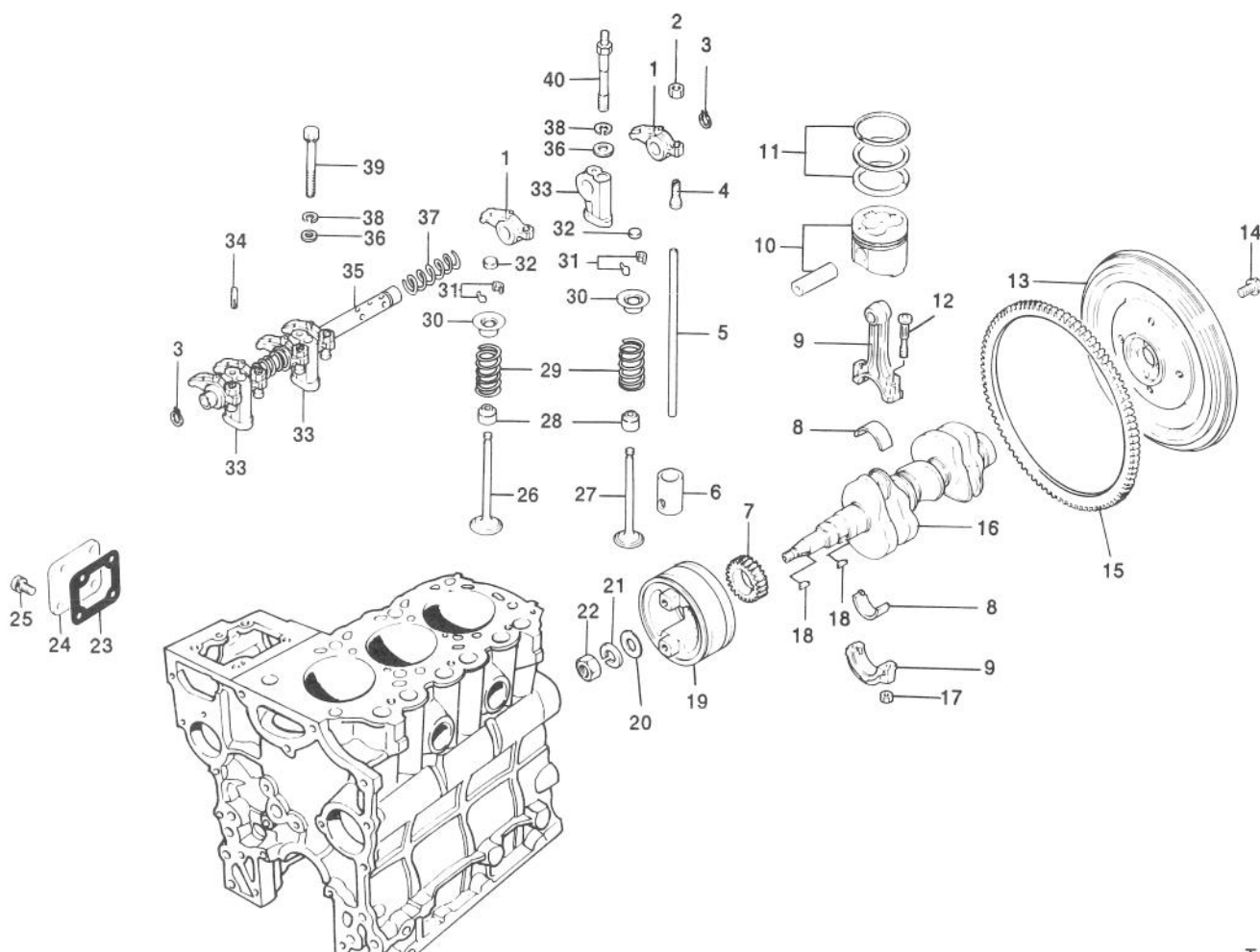
T-0569

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3420	Pipe Assembly No. 3	1
2	67-3430	Nut	3
3	70-8700	Pipe - Return, Fuel	1
4	67-3440	Gasket	3
5	67-2450	Dipstick	1
6	67-3380	Nozzle & Holder Assembly	1
7	67-3390	Gasket	3
8	67-2220	Guide	1
9	67-2300	Gasket	1
10	67-2290	Cover	1
11	67-2340	Bolt & Washer	2
12	56-0020	Plug	1
13	67-2280	Gasket	1
14	67-2230	Seal - Oil	1
15	67-2270	Case	1
16	67-2330	Bolt	6
17	43-2570	Gasket	1
18	43-2550	Filter	1
19	43-2560	Gasket	1
20	43-2580	Magnet	1
21	53-8150	Pump Assembly (Incl. Ref. #17-20)	1
22	70-8890	Housing - Flywheel	1
23	67-2440	Bolt & Washer	9
24	67-2390	Plug	1
25	67-2350	Plug	1
26	67-2360	Bushing	2

Ref. No.	Part No.	Description	No. Used
27	67-2380	Bushing	3
28	56-1230	Shaft - Filter, Oil	1
29	67-2460	Bolt	4
30	42-9650	Nut - Jam	1
31	67-4340	Screen Assembly (Incl. Ref. #30)	1
32	67-2370	Bushing	1
33	42-7190	Bushing	1
34	67-2260	Shaft - Idler	1
35	56-0220	Pin	2
36	67-2210	Plug	3
37	56-0100	Plug	1
38	67-3280	Shim - 0.2	1
*	67-3290	Shim - 0.3	1
*	67-3300	Shim - 0.4	1
*	67-3310	Shim - 0.5	1
*	67-3320	Shim - 0.6	1
*	67-3330	Shim - 0.7	1
*	67-3340	Shim - 0.8	1
*	67-3350	Shim - 0.9	1
*	67-3360	Shim - 1.0	1
39	67-3370	Bolt & Washer	4
40	67-4330	Oil Filter Assembly	1
41	70-8690	Pump Assembly	1
42	67-3400	Pipe Assembly No.1	1
43	67-3410	Pipe Assembly No.2	1
44	70-8530	Wire Assembly	1

*Not Illustrated



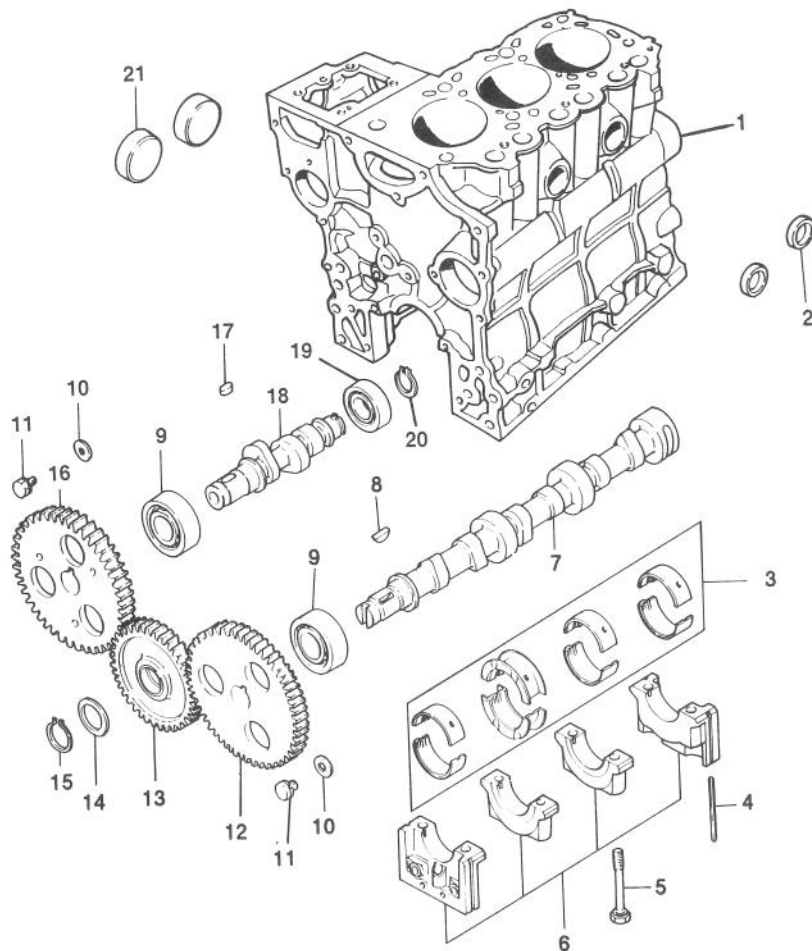
T-0611

VALVES & CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3160	Arm - Rocker	6
2	67-3230	Nut - Jam	6
3	67-3040	Ring - Snap	2
4	67-3210	Screw - Adjusting	6
5	67-3150	Rod - Push	6
6	67-3120	Tappet	6
7	67-2910	Gear	1
8	67-2880	Bearing Set - Std.	1
*	67-2890	Bearing Set - 0.25 U.	1
*	67-2900	Bearing Set - 0.50 U.	1
9	70-8860	Connecting Rod Assembly (Incl. Ref. #8, 9, 12 & 17)	3
10	70-8830	Piston & Pin Set - Std.	1
*	70-8840	Piston & Pin Set - 0.25 U.	1
*	70-8850	Piston & Pin Set - 0.50 U.	1
11	70-8800	Piston Ring Set - Std.	1
*	70-8810	Piston Ring Set - 0.25 U.	1
*	70-8820	Piston Ring Set - 0.50 U.	1
12	67-2860	Bolt	6
13	67-2970	Flywheel Assembly (Incl. Ref. #15)	1
14	67-2990	Bolt	4
15	67-2980	Gear - Ring	1
16	67-2920	Crankshaft	1

Ref. No.	Part No.	Description	No. Used
17	42-9590	Nut	6
18	56-0480	Key - Woodruff	2
19	70-8680	Pulley - Crankshaft	1
20	67-2950	Washer	1
21	67-2960	Washer - Lock	1
22	67-2940	Nut - Jam	1
23	67-4310	Gasket	1
24	67-4250	Cover	1
25	42-9440	Bolt & Washer	4
26	67-3130	Valve - Intake	3
27	67-3140	Valve - Exhaust	3
28	42-7870	Seal	6
29	67-3110	Spring	6
30	67-3100	Retainer	6
31	42-7860	Lock	12
32	67-3180	Cap	6
33	67-3200	Stay - Rocker	3
34	67-3220	Pin	1
35	67-3190	Rocker Shaft Assembly	1
36	42-9660	Washer	3
37	67-3170	Spring	2
38	67-3260	Washer	3
39	42-9510	Bolt	1
40	67-3250	Bolt - Stay, Rocker	2

*Not Illustrated



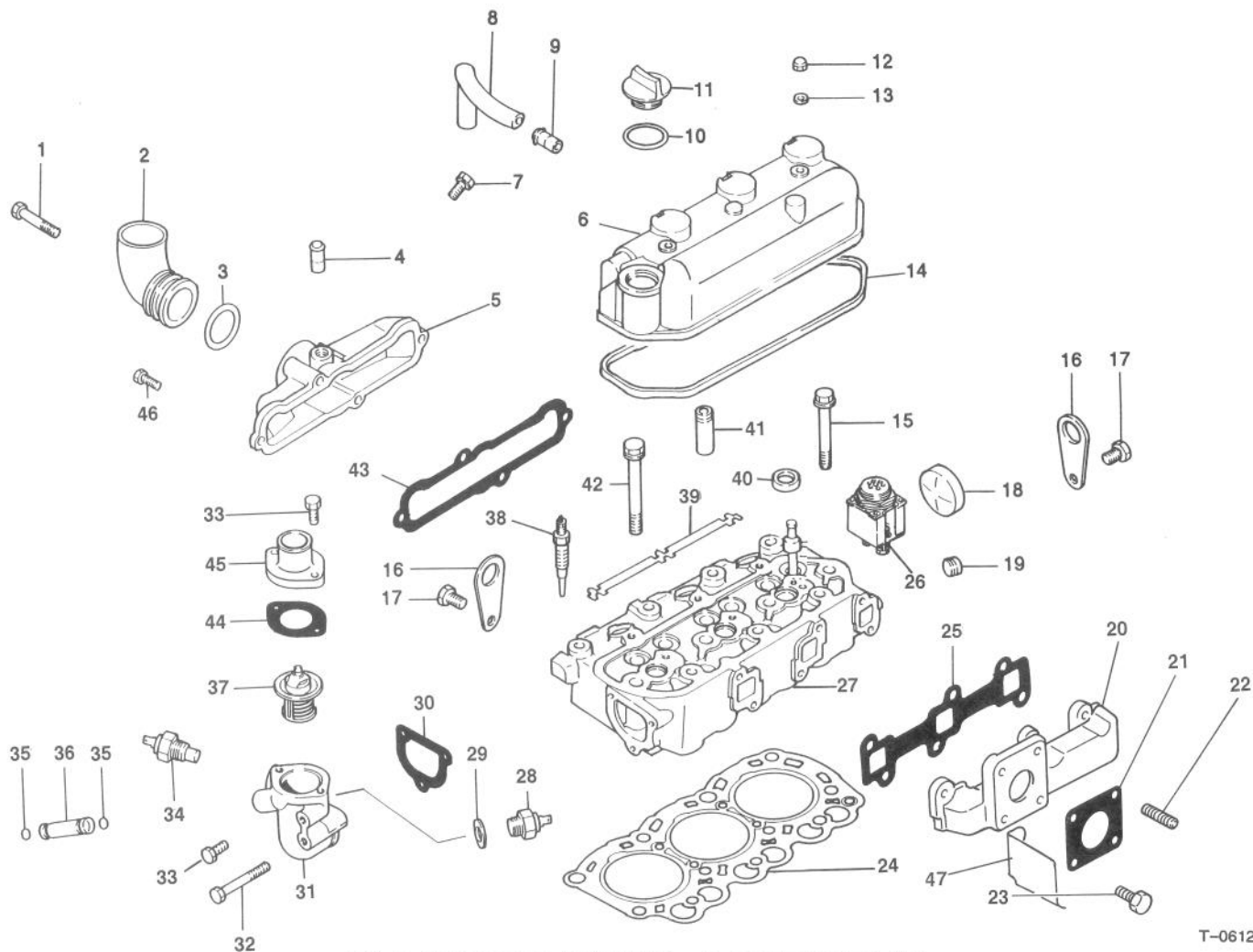
T-0610

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-8650	Block - Sub-Assembly (Incl. Ref. #2, 5-6 & 21)	1
2	42-7080	Cap	2
3	67-2400	Bearing Set - Std.	1
*	67-2410	Bearing Set - 0.25	1
*	67-2420	Bearing Set - 0.50	1
4	67-2200	Seal	4
5	67-2250	Bolt	8
6		Cap Assembly	1
7	67-3010	Camshaft	1
8	56-0480	Key - Woodruff	1
9	67-3030	Bearing	2

Ref. No.	Part No.	Description	No. Used
10	67-3000	Washer	2
11	42-9490	Bolt & Washer	2
12	67-3020	Gear	1
13	67-3090	Gear Assembly	1
14	67-3040	Plate	1
15	56-1060	Ring - Snap	1
16	67-3070	Gear	1
17	42-7840	Key	1
18	67-3060	Shaft	1
19	67-3050	Bearing	1
20	67-3080	Ring - Snap	1
21	56-0020	Plug	2

*Not Illustrated

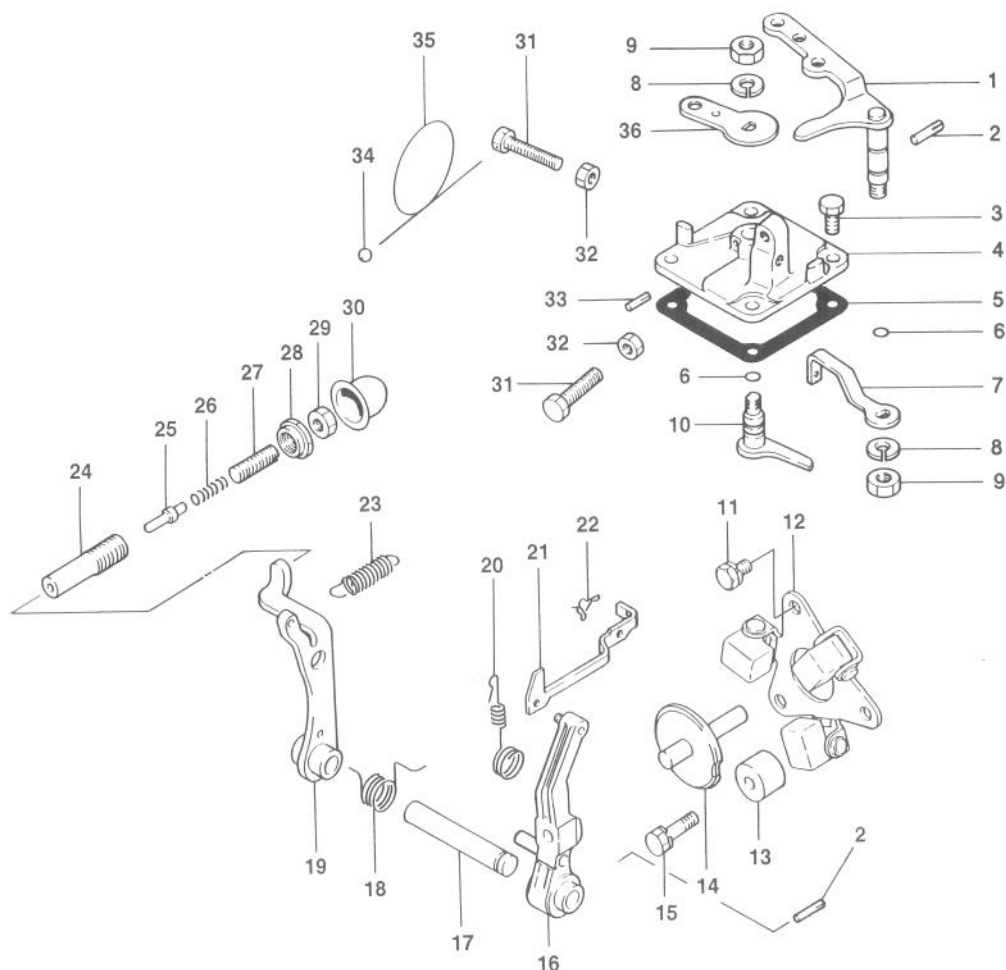


T-0612

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4400	Bolt	2
2	67-4520	Pipe	1
3	67-4540	O-Ring	1
4	42-7510	Pipe	1
5	67-4530	Cover - Intake (Incl. Ref. #4)	1
6	67-2750	Cover Assembly (Incl. Ref. #9)	1
7	42-9430	Bolt & Washer	1
8	67-2670	Hose - Breather	1
9	42-7510	Pipe	1
10	67-2660	O-Ring	1
11	67-2650	Oil Filler Cap Assembly (Incl. Ref. #10)	1
12	67-2770	Nut - Cap	2
13	67-2780	Washer	2
14	67-2760	Gasket	1
15	67-2140	Bolt - Flange	3
16	67-2680	Hanger - Engine	2
17	67-2340	Bolt & Washer	2
18	56-0020	Plug - Expansion	1
19	67-2570	Plug - Taper	1
20	70-8750	Manifold - Exhaust	1
21	42-9110	Gasket	1
22	42-9570	Stud	4
23	67-4590	Bolt	6

Ref. No.	Part No.	Description	No. Used
24	70-8670	Gasket - Head, Cylinder	1
25	67-4570	Gasket - Manifold, Exhaust	1
26	67-4700	Lamp - Glow	1
27	70-8660	Cylinder Head Assembly (Incl. Ref. #18, & 40-41)	1
28	67-4500	Switch - Thermal	1
29	67-4490	Gasket	1
30	67-4460	Gasket - Fitting, Thermostat	1
31	67-4450	Fitting - Thermostat	1
32	67-4470	Bolt	1
33	67-2330	Bolt	4
34	67-4510	Nut - Gauge, Temp.	1
35	43-2710	O-Ring	2
36	67-4480	Pipe - By-Pass	1
37	67-5050	Thermostat	1
38	67-4680	Plug - Glow	3
39	67-4690	Plate - Plug, Glow	1
40	67-2710	Cap - Sealing	3
41	67-2700	Guide - Valve	6
42	67-2730	Bolt	8
43	67-4550	Gasket - Manifold, Intake	1
44	67-4430	Gasket - Outlet, Water	1
45	67-4420	Fitting - Outlet, Water	1
46	67-2330	Bolt	2
47	72-6140	Shield - Heat, Alternator	1



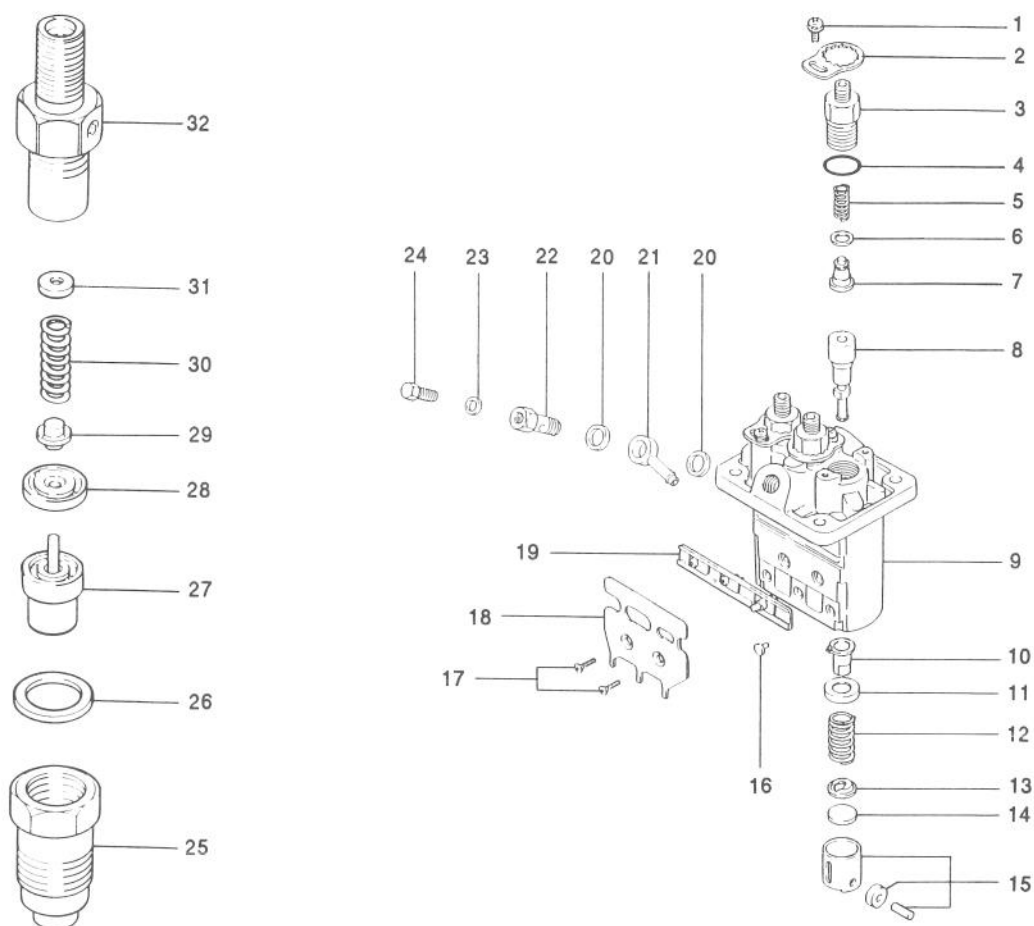
T-0615

GOVERNOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3990	Speed Control Lever Assy.	1
2	67-4000	Pin	2
3	67-4270	Bolt	4
4	67-4130	Cover - Governor	1
5	67-4160	Gasket	1
6	42-8830	O-Ring	2
7	67-4020	Lever - Spring, Governor	1
8	67-3260	Washer	2
9	42-9640	Nut - Jam	2
10	67-4140	Lever - Stop Assembly	1
11	42-9430	Bolt & Washer	2
12	67-4040	Weight Assembly	1
13	67-4010	Stopper	1
14	67-4070	Sliding Shaft Assembly	1
15	67-4280	Bolt & Washer	1
16	67-4060	Governor Lever Assembly	1
17	67-4050	Shaft	1
18	67-5040	Spring	1
19	67-4090	Tension Lever Assembly	1
20	70-8720	Spring - Tie Rod	1
21	67-4030	Rod - Tie	1

Ref. No.	Part No.	Description	No. Used
22	67-4080	Clip	1
23	67-4260	Spring	1
24	67-4210	Case - Torque Spring	1
25	67-4230	Stopper	1
26	67-4190	Spring - Torque	1
27	67-4220	Screw - Adjusting	1
28	67-4200	Nut - Special	1
29	67-4180	Nut	1
30	67-4240	Cap	2
31	42-9420	Bolt	2
32	67-4290	Nut	2
33	67-4120	Pin	1
34	42-8690	Metal - Sealing	1
35	42-8700	Wire	1
36	67-4150	Lever - Stop	1
*	67-4110	Cover Assembly (Incl. Ref. #4, 6, 8-10, 33 & 36)	1
*	67-4170	Spring Set (Incl. Ref. #24-29)	1

*Not Illustrated



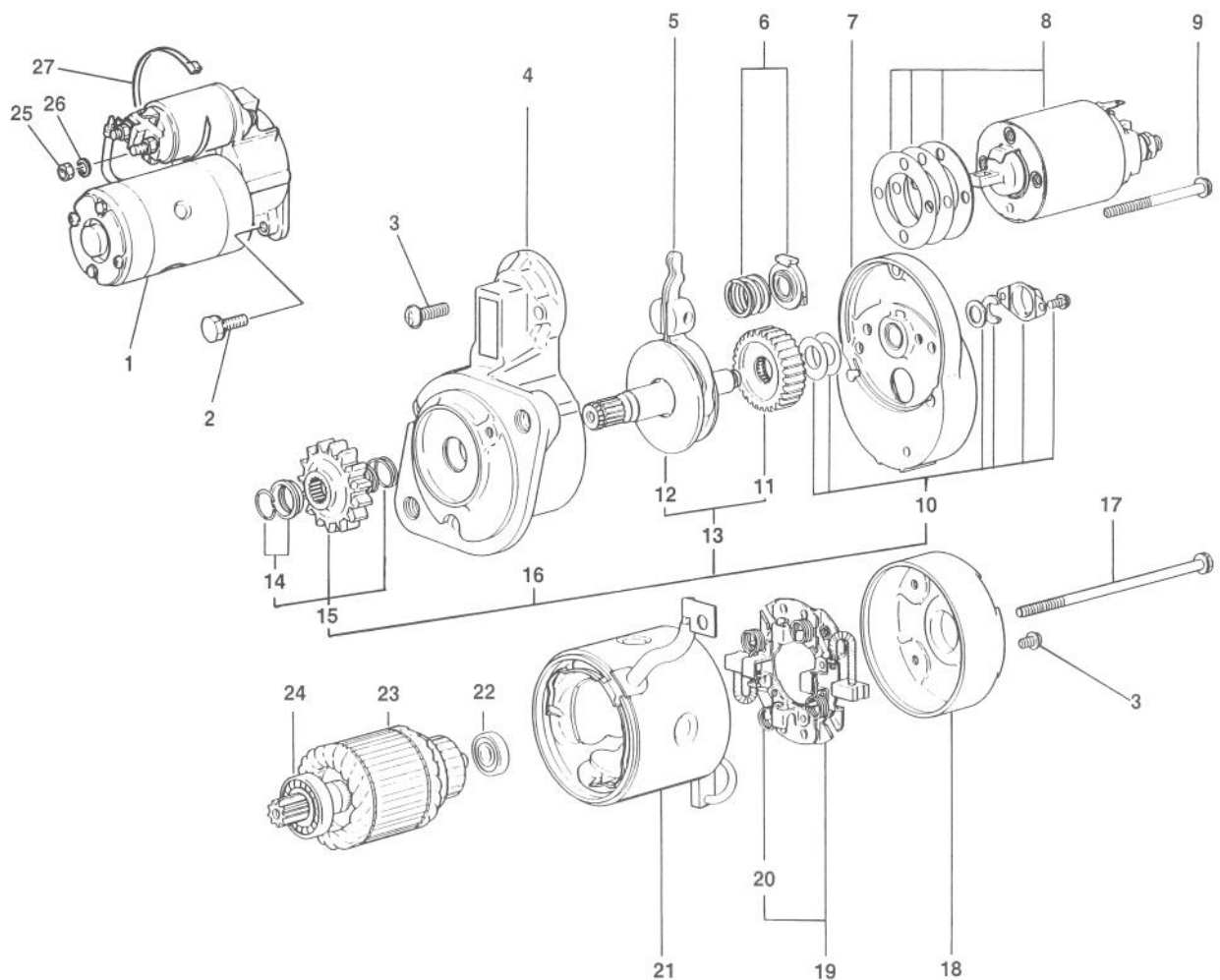
T-0570

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3770	Screw & Washer	3
2	67-3760	Plate - Lock	3
3	67-3470	Holder - Delivery Valve	3
4	67-3480	O-Ring	3
5	67-3490	Spring	3
6	42-8240	Gasket	3
7	67-6500	Valve	3
8	70-8710	Element	3
9	67-3460	Housing - Pump	1
10	67-3520	Sleeve	3
11	67-3530	Seat	3
12	67-3540	Spring	3
13	67-3550	Seat	3
14	67-3560	Plate - Shim 1.85	1
*	67-3570	Plate - Shim 1.9	1
*	67-3580	Plate - Shim 1.95	1
*	67-3590	Plate - Shim 2.0	1
*	67-3600	Plate - Shim 2.05	1
*	67-3610	Plate - Shim 2.1	1
*	67-3620	Plate - Shim 2.15	1
*	67-3630	Plate - Shim 2.2	1
*	67-3640	Plate - Shim 2.25	1
*	67-3650	Plate - Shim 2.3	1
*	67-3660	Plate - Shim 2.35	1
*	67-3670	Plate - Shim 2.4	1
*	67-3680	Plate - Shim 2.45	1
*	67-3690	Plate - Shim 2.5	1
15	67-3700	Tappet Assembly	3
16	67-3810	Pin	3

Ref. No.	Part No.	Description	No. Used
17	67-3790	Screw	2
18	67-3800	Bracket	1
19	67-3780	Rack Assembly	1
20	67-3750	Washer	2
21	67-3740	Nipple	1
22	67-3730	Screw	1
23	67-3720	Washer	1
24	67-3710	Screw - Bleed, Air	1
25	67-3970	Nut	3
26	67-3980	Gasket	3
27	67-3960	Nozzle Assembly	3
28	67-3950	Piece	3
29	67-3940	Pin	3
30	67-3930	Spring	3
31	67-3830	Washer - 1.25	1
*	67-3840	Washer - 1.3	1
*	67-3850	Washer - 1.35	1
*	67-3860	Washer - 1.4	1
*	67-3870	Washer - 1.45	1
*	67-3880	Washer - 1.5	1
*	67-3890	Washer - 1.55	1
*	67-3900	Washer - 1.6	1
*	67-3910	Washer - 1.65	1
*	67-3920	Washer - 1.7	1
32	67-3820	Body	3
*	70-8690	Pump Assembly (Incl. Ref. #1-24)	1
*	67-3380	Nozzle & Holder Assembly (Incl. Ref. #25-32)	3

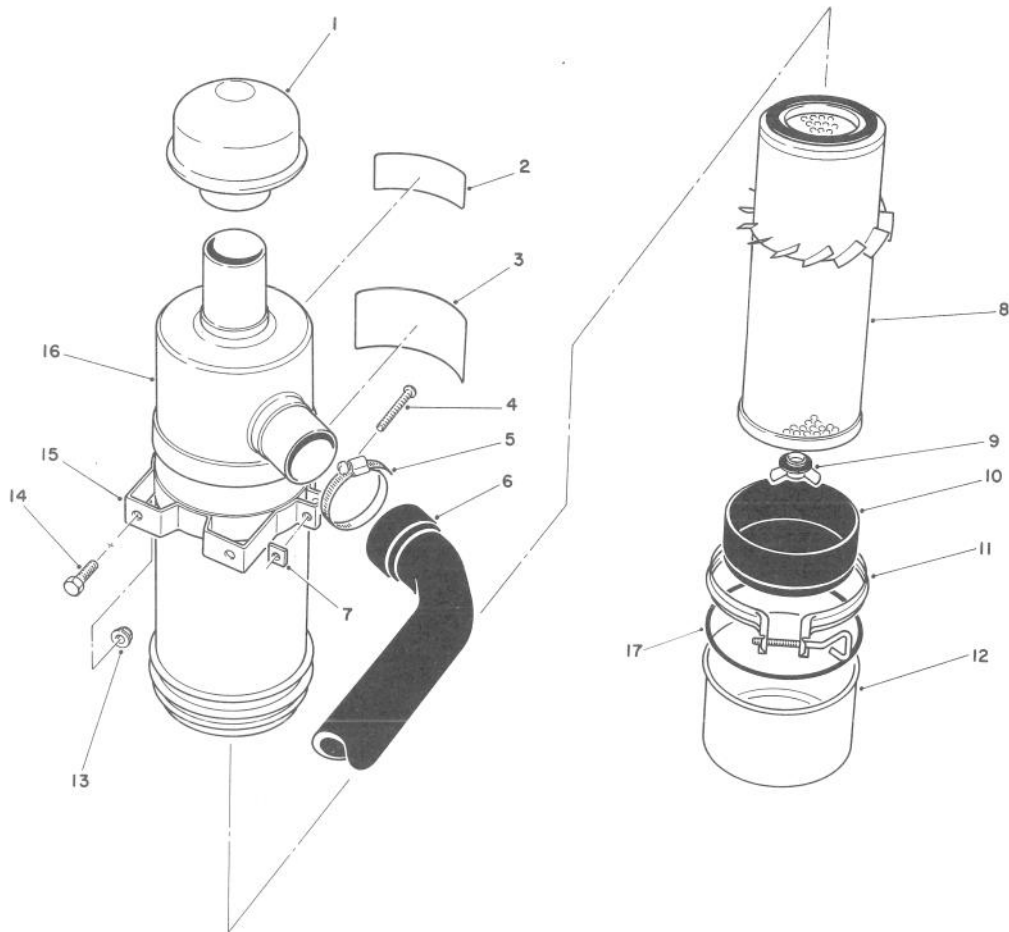
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STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-8760	Starter Assembly (Incl. Ref. #3-24)	1
2	67-4610	Bolt & Washer	2
3	56-1510	Screw - Set	1
4	70-8770	Front Basket Assembly	1
5	67-4720	Lever Assembly	1
6	67-4730	Spring Set	1
7	70-8780	Center Bracket Assembly	1
8	67-4750	Switch Assembly	1
9	52-1570	Bolt Set	1
10	56-1680	Cover Set	1
11	56-1670	Gear	1
12	67-4790	Shaft Assembly	1
13	67-4780	Gear Set (Incl. Ref. #11 & 12)	1
14	56-1640	Stopper Set	1
15	67-4770	Pinion Set (Incl. Ref. #14)	1

Ref. No.	Part No.	Description	No. Used
16	67-4760	Shaft Assembly (Incl. Ref. #10, 13 & 15)	1
17	56-1610	Bolt	1
18	56-1720	Rear Bracket Assembly	1
19	56-1700	Brush Holder Assembly (Incl. Ref. #20)	1
20	56-1710	Spring - Brush	4
21	67-4800	Yoke Assembly	1
22	56-1600	Bearing - Rear	1
23	56-1580	Armature Set (Incl. Ref. #22 & 24)	1
24	56-1590	Bearing - Front	1
25	57-6390	Nut - Hex.	2
26	42-9850	Washer - Lock	2
27	3290-379	Tie - Cable	2

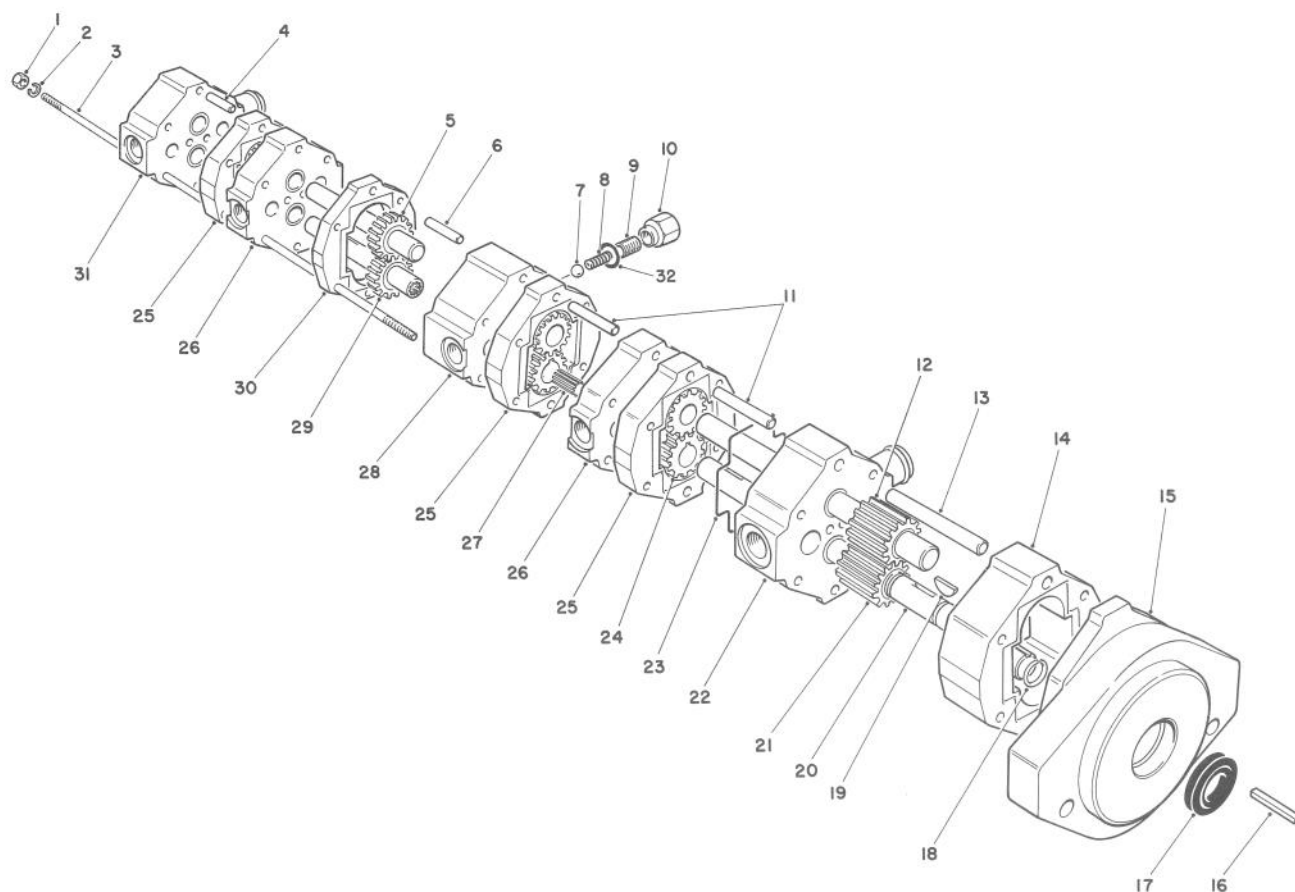


T-0636

AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-7180	Cap - Inlet, Air Cleaner	1
2	67-1700	Decal - Fluid, Starting	1
3	27-7160	Decal - Instructions	1
4	3258-19	Screw - Round Head	2
5	2412-42	Clamp - Hose	2
6	68-5900	Hose - Cleaner, Air	1
7	32107-11	Nut	2
8	27-7110	Element - Cleaner, Air	1
9	27-7120	Nut & Gasket Assembly	1
10	27-7140	Skirt - Baffle	1

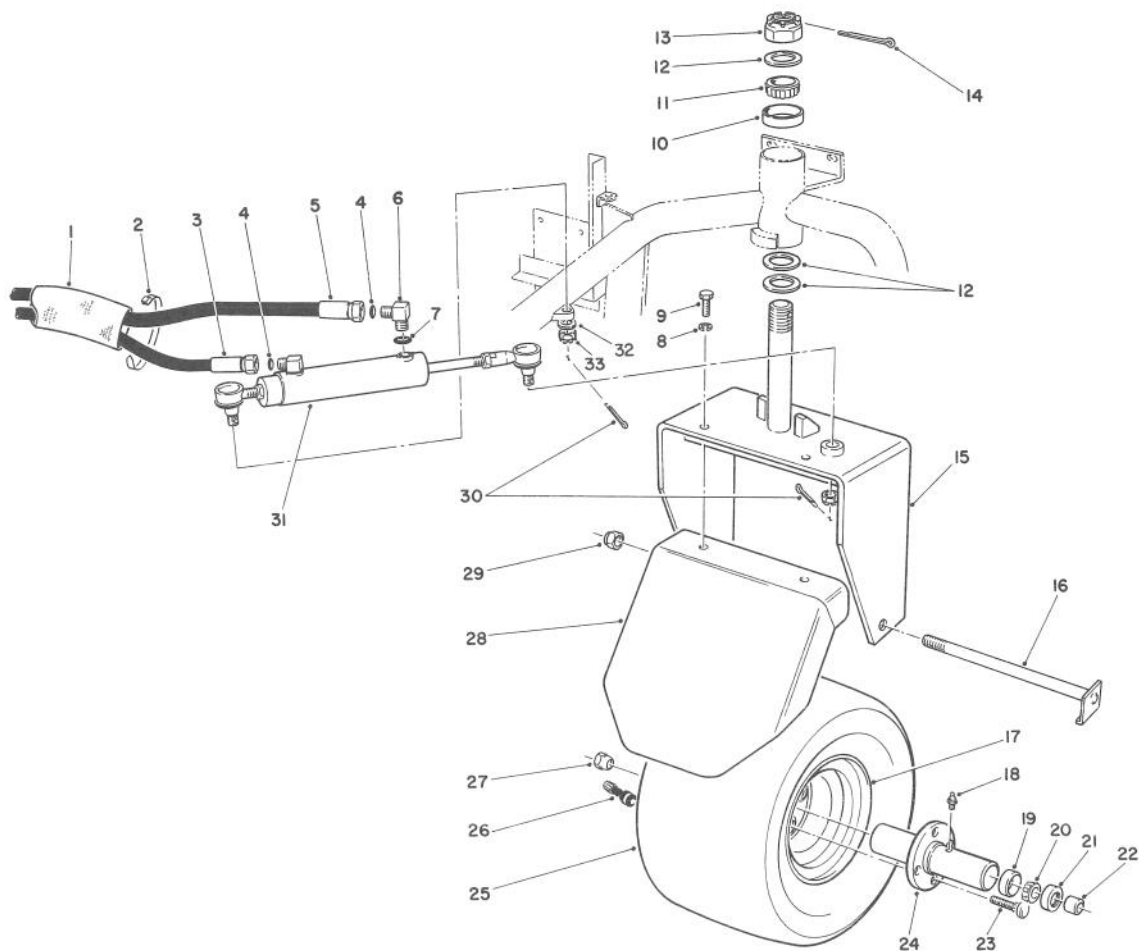
Ref. No.	Part No.	Description	No. Used
11	27-7130	Clamp Assembly	2
12	27-7150	Cap Assembly	1
13	32128-20	Nut - Lock, Flange	4
14	322-2	Screw - Cap, Hex. Hd.	4
15	27-7170	Band Assembly (Incl. Ref. #4 & 7)	2
16	27-7100	Air Cleaner Assembly (Incl. Ref. #3 & 8-12)	1
17	80-3330	Gasket	1



T-0645

HYDRAULIC PUMP 68-4940

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3217-6	Nut - Lock	4	18	353-886	Ring - Retaining	2
2	354-16	Washer - Lock	4	19	353-884	Key - Woodruff	4
3	354-17	Stud - Threaded	4	20	354-1	Shaft - Drive	1
4	354-11	Pin - Dowel	2	21	353-964	Gear - 66B	1
5	354-9	Idler Shaft - Gear Assy.	1	22	354-3	Bearing Plate Assembly	1
6	354-12	Pin - Dowel	2	23	353-922	Seal - Ring	10
7		Ball - Valve	1	24	353-967	Gear - 33B	6
8		Spring - Compression	1	25	353-969	Plate - Gear 33B	3
9		Adjuster - Valve	1	26	353-923	Bearing Plate Assembly	2
10		Cap - Adjuster, Valve	1	27	354-5	Adapter - Splined	1
11	354-13	Pin - Dowel	4	28	354-4	Bearing Plate Assembly (Incl. Ref. #7-10 & 32)	1
12	354-10	Idler Shaft - Gear Assy.	1	29	354-8	Drive Shaft - Gear Assy.	1
13	354-14	Pin - Dowel	2	30	354-6	Plate - Gear 18B	1
14	353-971	Plate - Gear 66B	1	31	354-7	Cover Assembly	1
15	354-2	Body Assembly	1	32	354-35	Gasket	1
16	5-0946	Key - Square	1				
17	354-15	Seal - Shaft	1				

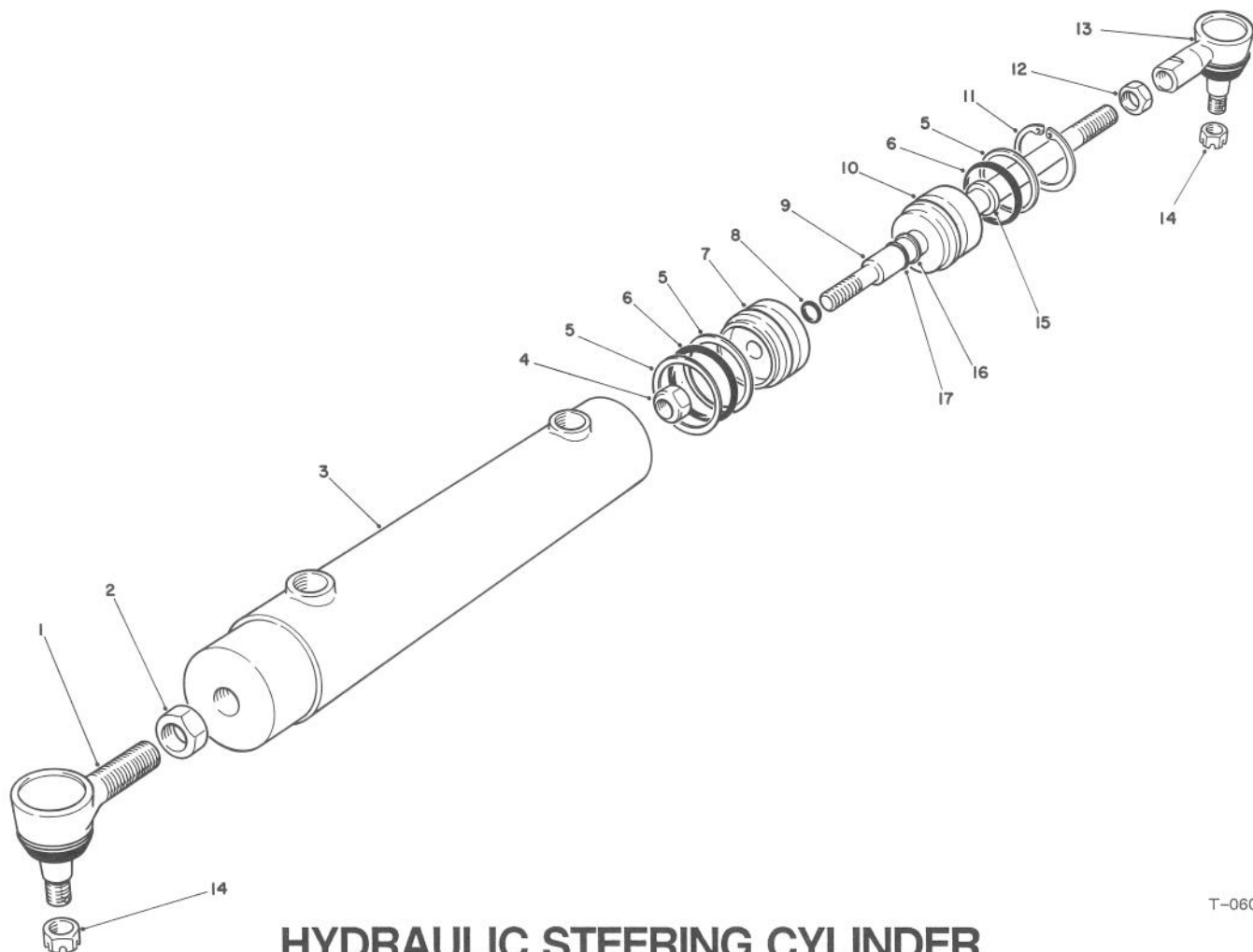


T-0638

REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	56-7983	Sleeve - Protective	1
2	3290-378	Tie - Cable	2
3	68-5750	Hose - Hydraulic	1
4	237-35	O-Ring	2
5	68-5760	Hose - Hydraulic	1
6	340-132	Fitting - Hydraulic (Incl. Ref. #4 & 7)	2
7	237-78	O-Ring	2
8	3253-4	Washer - Lock	2
9	322-3	Screw - Cap, Hex. Hd.	2
10	254-61	Cup - Bearing	2
11	254-70	Cone - Bearing	2
12	18-6320	Washer - Thrust	3
13	32136-9	Nut - Castle	1
14	3272-37	Pin - Cotter	1
15	70-8330	Fork - Caster	1
16	70-8370	Bolt - Wheel, Castor	1
17	242-86	Rim	1

Ref. No.	Part No.	Description	No. Used
18	302-5	Fitting - Grease	1
19	254-79	Cup - Bearing	2
20	254-78	Cone - Bearing	2
21	253-111	Seal - Bearing	2
22	70-8490	Spacer	2
23	10-6830	Stud - Drive	4
24	75-9440	Hub Assembly (Incl. Ref. #18, 19 & 23)	1
25	70-8500	Tire	1
26	232-24	Stem - Valve	1
27	242-50	Nut - Lock	4
28	70-8400	Fender - Rear	1
29	3296-50	Nut - Lock	1
30	3274-4	Pin - Cotter	2
31	68-4770	Cylinder - Steering, Hyd.	1
32	3256-24	Washer - Flat	1
33	32136-4	Nut - Slotted	2

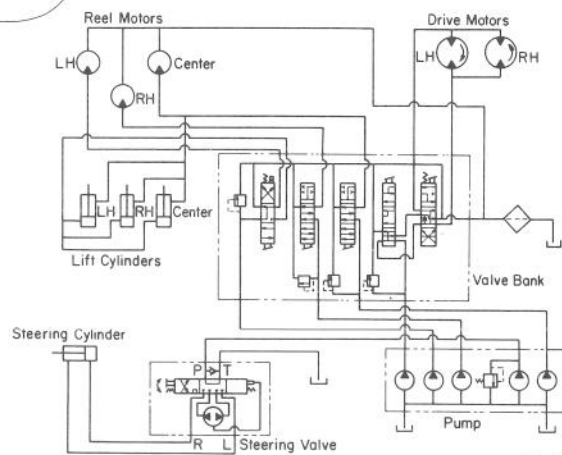
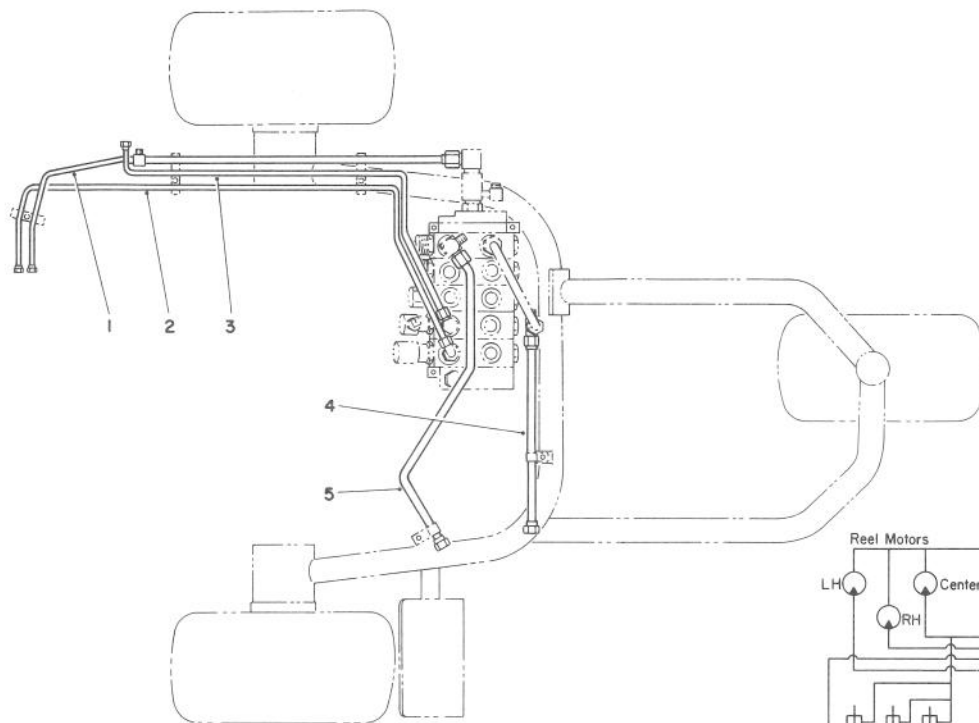


T-0607

HYDRAULIC STEERING CYLINDER

Ref. No.	Part No.	Description	No. Used
1	21-0140	Joint - Ball (Incl. Ref. #14)	1
2	3219-5	Nut - Jam	1
3	68-4820	Barrel	1
4	32152-7	Nut - Lock	1
5		Washer - Backup	3
6		O-Ring	2
7	68-4790	Piston - Cylinder	1
8		O-Ring	1
9	68-4800	Shaft - Cylinder	1
10	68-4780	Head - Cylinder	1
11	68-4810	Ring - Retaining	1

12	3218-5	Nut - Jam	1
13	68-5150	Joint - Ball (Incl. Ref. #14)	1
14	32136-4	Nut - Castle	2
15		Seal - Dust	1
16		Washer - Backup	1
17		Seal - Dust	1
*	68-4830	Cylinder Repair Kit (Incl. Ref. #5-6, 8 & 14-15)	1
*	68-4770	Hydraulic Steering Cylinder (Incl. Ref. #3-11 & 15-17)	1

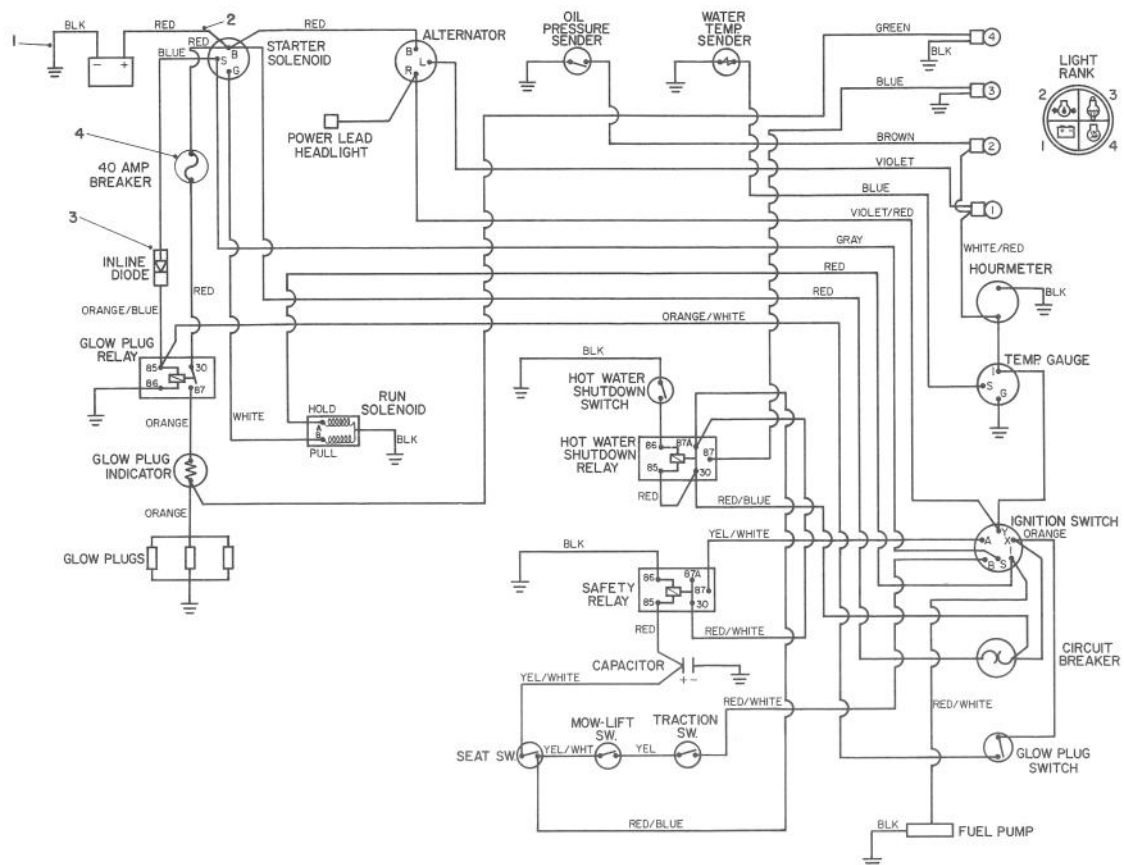


T-0647

HYDRAULIC SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-4040	Tube - Hydraulic	1
2	63-4020	Tube - Hydraulic	1
3	63-4030	Tube - Hydraulic	1

Ref. No.	Part No.	Description	No. Used
4	70-7120	Tube - Hydraulic	1
5	70-7130	Tube - Hydraulic	1



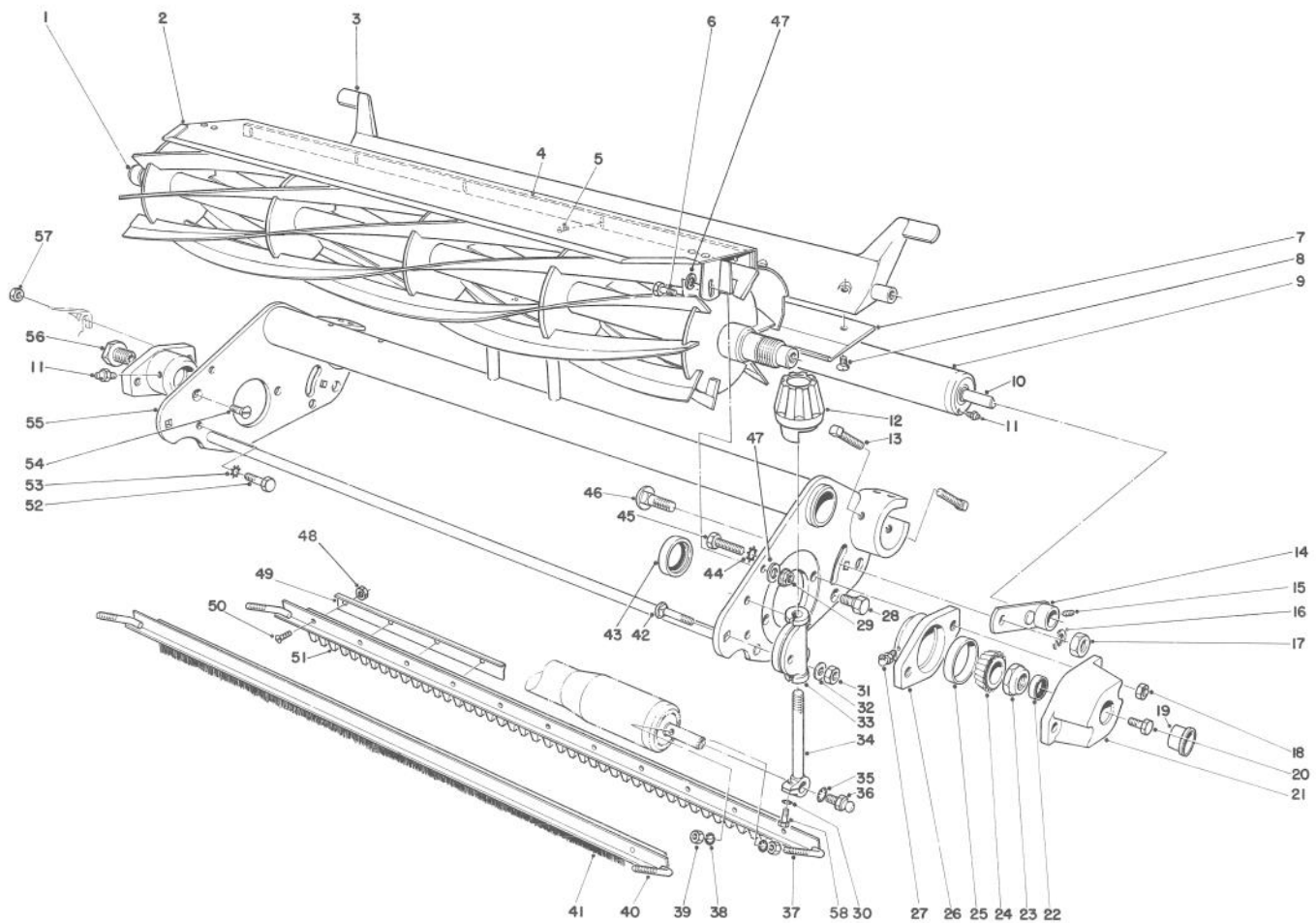
T-0819

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	68-5500	Cable - Battery, Positive	1
2	68-5460	Cable - Battery, Negative	1
3	67-7130	Diode - Inline	1

Ref. No.	Part No.	Description	No. Used
4	70-8570	Breaker - Circuit	1
*	68-5190	Wire Harness Assembly (Incl. Ref. #3 & 4)	1

*Not Illustrated



T-0307A

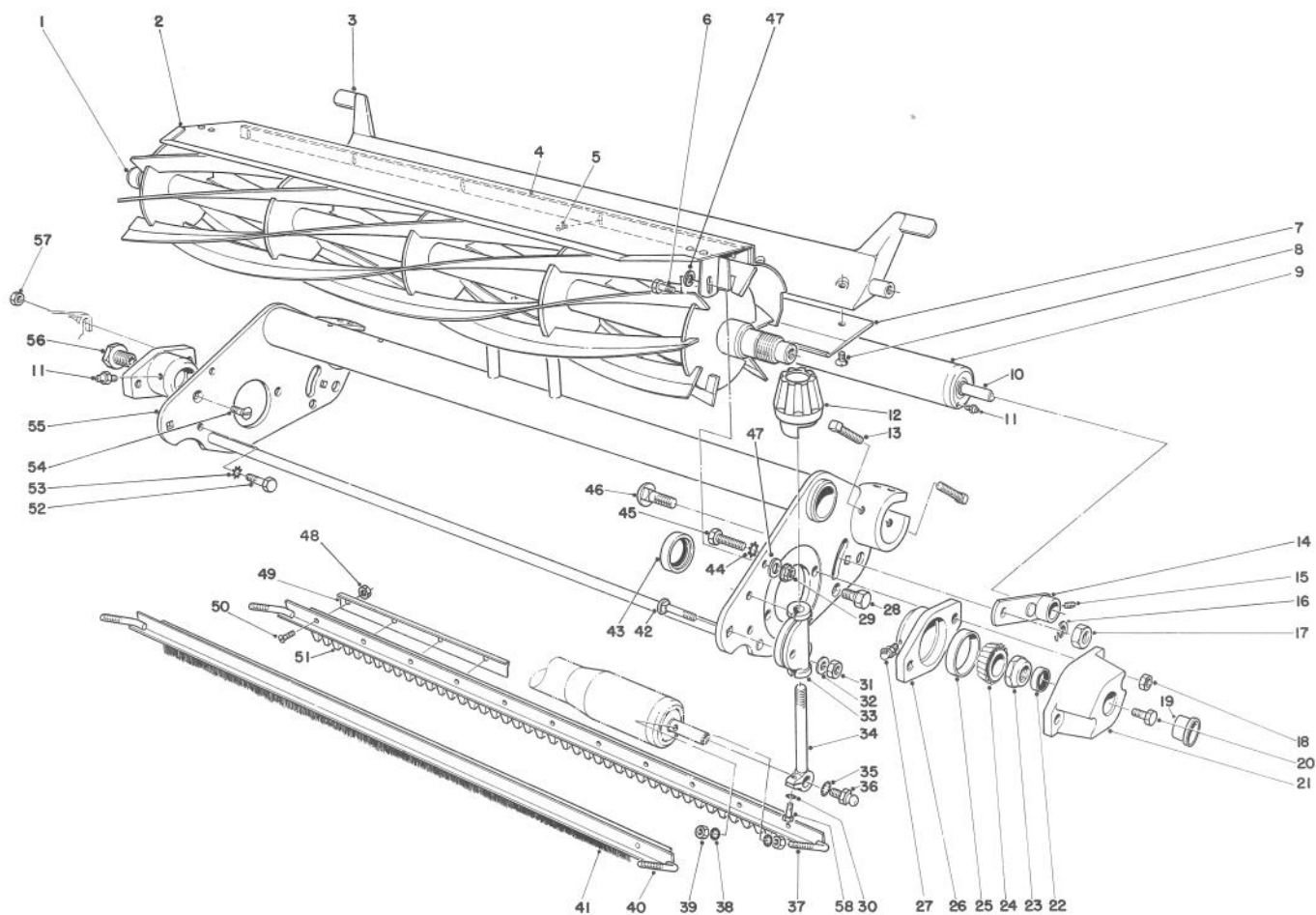
CUTTING UNIT MODEL NO. 04405 & 04408

Ref. No.	Part No.	Description	No. Used
1	12-3599	Reel Assy. 8 Blade (04408)	1
*	12-8779	Reel Assy. 5 Blade (04405)	1
2	36-7190	Grass Shield	1
3	10-4930	Bed Bar	1
4	36-7260	Cut-Off Bar	1
5	32144-73	Screw - Round Hd.	5
6	321-5	Screw - Cap, Hex. Hd.	2
7	63-8500	Bed Knife 1/8"	1
*	62-2510	Bed Knife 3/16"	1
*	63-8550	Bed Knife - Tournament	1
*	63-8610	Bed Knife - Fairway	1
†8	57-4910	Screw - Special	7
9	21-8450	Rear Roller Assembly (Incl. Ref. #10 & 11)	1
10	21-8430	Rear Bearing	2
11	302-5	Fitting - Grease	3
12	65-8600	Knob - Height Adjustment	2
13	3243-13	Screw - Set, Sq. Hd.	4
14	27-2650	Height-of-Cut Adjustment	2
15	3290-125	Screw - Set	2
16	3253-7	Washer - Lock	2
17	3217-9	Nut - Lock	2
18	3296-39	Nut - Lock	2
19	12-0460	Caplug	1
20	323-2	Screw - Mach. Hex Hd.	1
21	10-5080	End Cap	1

Ref. No.	Part No.	Description	No. Used
22	253-61	Seal	1
23	3296-60	Stop Nut	1
24	254-94	Cone - Bearing	2
†25	254-72	Cup - Bearing	2
26	10-5120	Housing - Bearing	2
27	302-40	Fitting - Grease	1
28	217-74	Wheel Bolt	2
29	3296-42	Nut - Lock	2
30	3253-3	Washer - Lock	2
31	3296-29	Nut - Lock	2
32	3256-23	Washer - Flat	2
33	10-5060	Bracket Height of Cut	2
34	10-5010	Screw - Roller Adjustment	2
35	3254-6	Washer - Lock	2
36	2411-7	Ball Stud	2
37	11-0070	Scraper Comb Assembly (Incl. Ref. #48-51)	1
38	3254-8	Washer - Lock	4
39	3219-1	Nut - Hex	4
40	33-1000	Scraper Brush Assembly (Incl. Ref. #41) (Optional)	1
41	33-0630	Brush	1
42	3-7253	Bolt - Carriage	2
†43	253-96	Oil Seal	2
44	3255-9	Washer - Lock	4
45	57-3210	Screw - Mach. Special	4

*Not Illustrated

†Special Tool for Installation



T-0307A

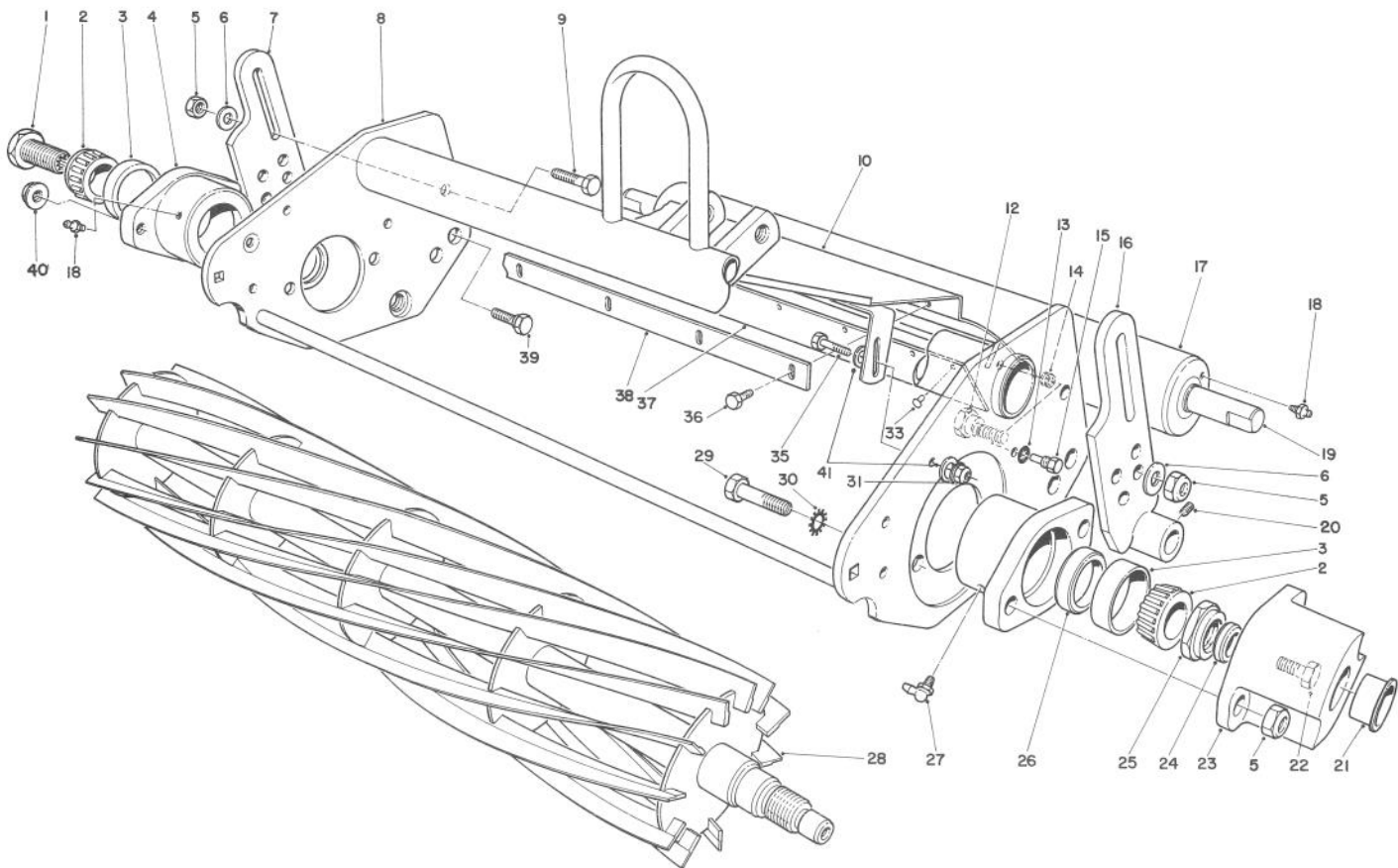
CUTTING UNIT MODEL NO. 04405 & 04408 (Continued)

Ref. No.	Part No.	Description	No. Used
46	3233-26	Bolt - Carriage	2
47	3256-22	Washer - Flat	4
48	3296-9	Nut - Lock	11
49	8-2520	Support Comb	1
50	3249-3	Screw - Round Head	11
51	8-2530	Comb - Urethane	1
52	322-5	Screw - Cap, Hex. Hd.	2
53	3255-8	Washer - Lock	2
54	32108-20	Screw - Flat Head	2
55	70-1100	Frame - Reel	1

Ref. No.	Part No.	Description	No. Used
56	10-5100	Nut - Spline	1
57	32128-36	Nut - Nut, Flange	2
58	321-4	Screw - Cap, Hex. Hd.	2
*	13-8199	Bar Adj. Gauge (Includes †)	1
*	36-7250	Grass Basket Assy.	3
*†	32122-22	Screw - Truss Head	1
*†	3219-14	Nut - Hex	1

*Not Illustrated

†Special Tool for Installation



T-0309

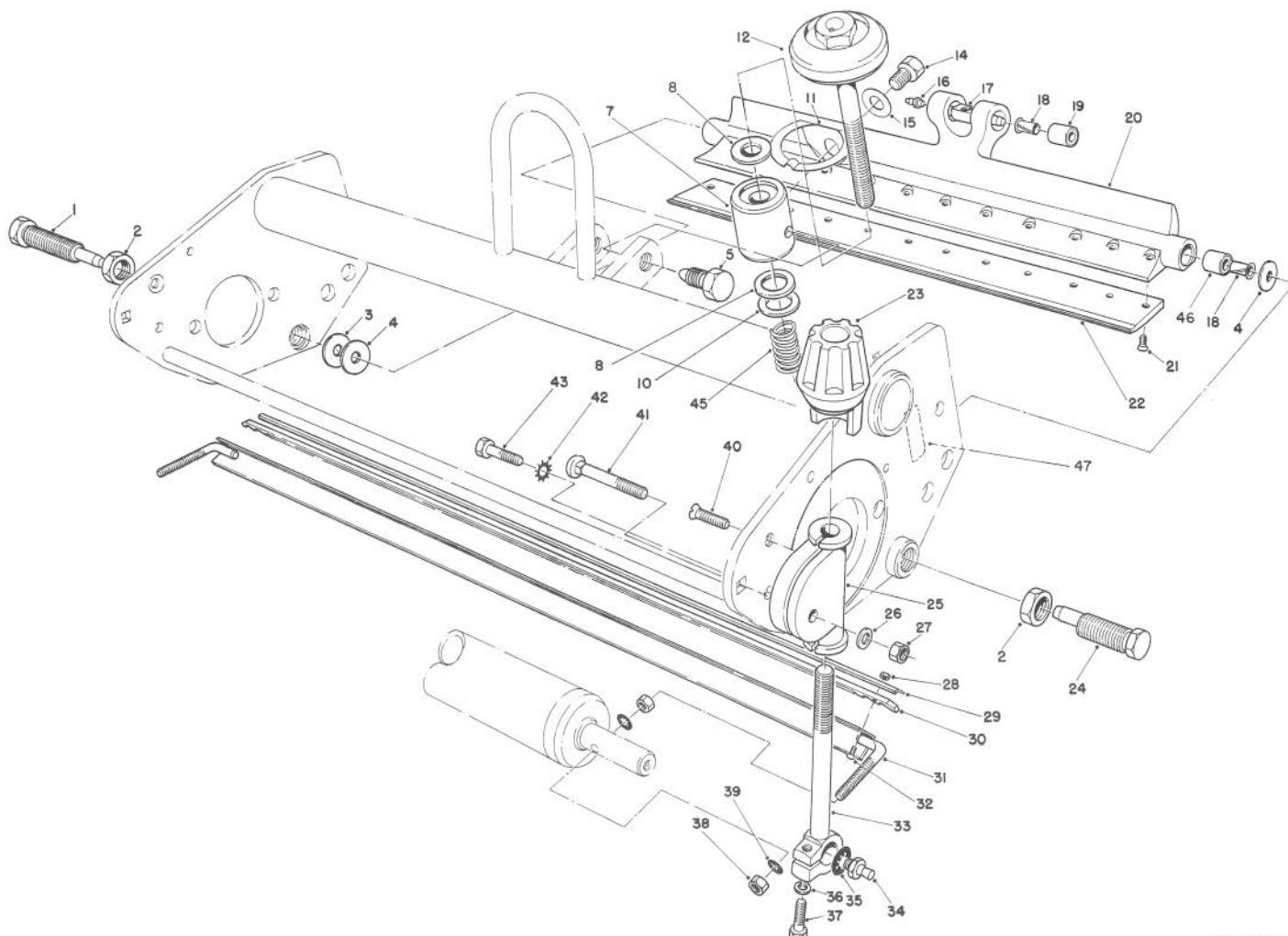
CUTTING UNIT MODEL NO. 04450 (11 Blade) CUTTING UNIT MODEL NO. 04468 (8 Blade)

Ref. No.	Part No.	Description	No. Used
1	77-0340	Nut - Spline	1
2	254-94	Cone - Bearing	2
†3	254-72	Cup - Bearing	2
4	10-5120	Housing - Bearing	2
5	3296-39	Nut - Lock	6
6	3256-24	Washer - Flat	4
7	77-1060	Bracket - Height of Cut (R.H.)	1
8	70-1200	Frame - Reel	1
9	323-7	Screw - Cap, Hex Hd.	2
10	57-5200	Grass Shield Assembly (Incl. Ref. #33 & 37)	1
12	52-3100	Bolt - Eccentric (Height of Cut L.H.)	1
13	3254-6	Washer - Lock	2
14	237-84	Grommet	2
15	57-9910	Screw - Pivot	2
16	77-1080	Bracket - Height of Cut (L.H.)	1
17	52-3120	Rear Roller Assembly (Incl. Ref. #18 & 19)	1
18	302-5	Fitting - Grease	3
19	21-8430	Bearing - Rear Roller	2
20	3246-2	Screw - Set	2
21	12-0460	Caplug	1
22	323-2	Screw - Machine, Hex Hd.	1

Ref. No.	Part No.	Description	No. Used
23	10-5080	Cap-End	1
24	253-61	Seal	1
25	3296-60	Nut - Lock	1
26	253-96	Seal	2
27	302-40	Fitting - Grease	1
28	12-2789	Reel - 11 Blade (Model No. 04450)	1
*	12-3599	Reel - 8 Blade (Model No. 04468)	1
29	57-3210	Screw - Machine, Special	4
30	3255-9	Washer - Lock	4
31	3296-42	Nut - Lock	2
33	3295-46	Rivet	13
35	321-5	Screw - Cap, Hex Hd.	2
36	32144-73	Screw - Self Tapping	5
37	57-5210	Flap - Shield	1
38	36-7260	Cut-Off Bar	1
39	52-3110	Bolt - Shoulder (Height of Cut R.H.)	1
40	32128-36	Nut - Lock, Flange	2
41	3256-22	Washer - Flat	4
*	13-8199	Bar Adj. Gauge (Includes †)	1
*†	32122-2	Screw - Truss Hd.	1
*†	3219-14	Nut - Hex	1
*‡		Backlapping Brush Assy.	1

*Not Illustrated

†Special Tool for Installation



T-1123A

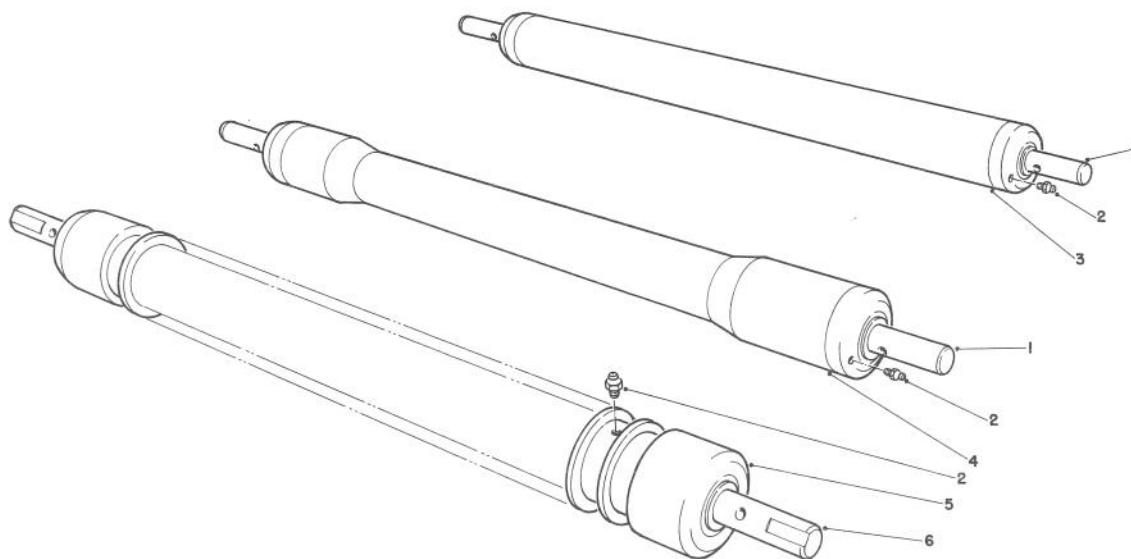
BEDBAR & SCRAPER COMB ASSEMBLY FOR CUTTING UNIT MODEL NO. 04450 & 04468

Ref. No.	Part No.	Description	No. Used
1	52-2930	Bolt - Adjustment Shoulder	1
2	3220-6	Nut - Hex ,Jam	2
3	52-2860	Washer	1
4	52-2900	Washer - Poly	2
5	66-7240	Screw - Pivot SPA	2
7	77-0330	Pivot - Single Point Adjust.	1
8	77-0350	Retainer - Bearing	2
10	257-5	Washer - Steel	2
11	66-7220	Arm - Spring	1
12	77-0300	Handle Assembly	1
14	324-25	Screw - Cap, Hex. Hd.	1
15	3256-25	Washer - Flat	1
16	302-18	Fitting - Grease	1
17	57-5260	Pivot - Bedbar	1
18	52-2890	Bushing - Flanged	4
19	62-5510	Rubber Bushing Assembly	2
20	57-4940	Bedbar	1
†21	57-4910	Screw - Special	13
22	63-8470	Bed Knife 1/8"	1
*	62-2500	Bed Knife 3/16"	1
*	63-8560	Bed Knife - Tournament	1
*	63-8600	Bedknife - Fairway	1
23	65-8600	Knob - Height Adjustment	2
24	52-2910	Bolt - Eccentric Shoulder (L.H.)	1
25	10-5060	Bracket - Height of Cut	2

Ref. No.	Part No.	Description	No. Used
26	3256-23	Washer - Flat	2
27	3296-29	Nut - Lock	2
28	3296-9	Nut - Lock	11
29	8-2520	Support - Comb	1
30	8-2530	Comb - Urethane	1
31	11-0070	Scraper Comb Assembly (Incl. Ref. #28-30 & 32)	1
32	3249-3	Screw - Round Hd.	11
33	10-5010	Screw - Roller Adjustment	2
34	2411-7	Ball Stud	2
35	3254-6	Washer - Lock	2
36	3253-3	Washer - Lock	2
37	321-4	Screw - Cap, Hex Hd.	2
38	3219-1	Nut - Hex	4
39	3254-8	Washer - Lock	4
40	32108-20	Screw - Machine, Flat Hd.	2
41	3-7253	Bolt - Carriage	2
42	3255-8	Washer - Lock	2
43	322-5	Screw - Cap, Hex Hd.	2
45	66-7230	Spring - Compression	1
46	63-9510	Rubber Bushing Assembly	2
47	77-0490	Decal - Bolt, Eccentric	1
*	36-7250	Grass Basket Assembly	2
*	13-3659	Overhaul Kit	1
*†		Tool - Bed Knife Screw	1

*Not Illustrated

*†Special Tool for Installation



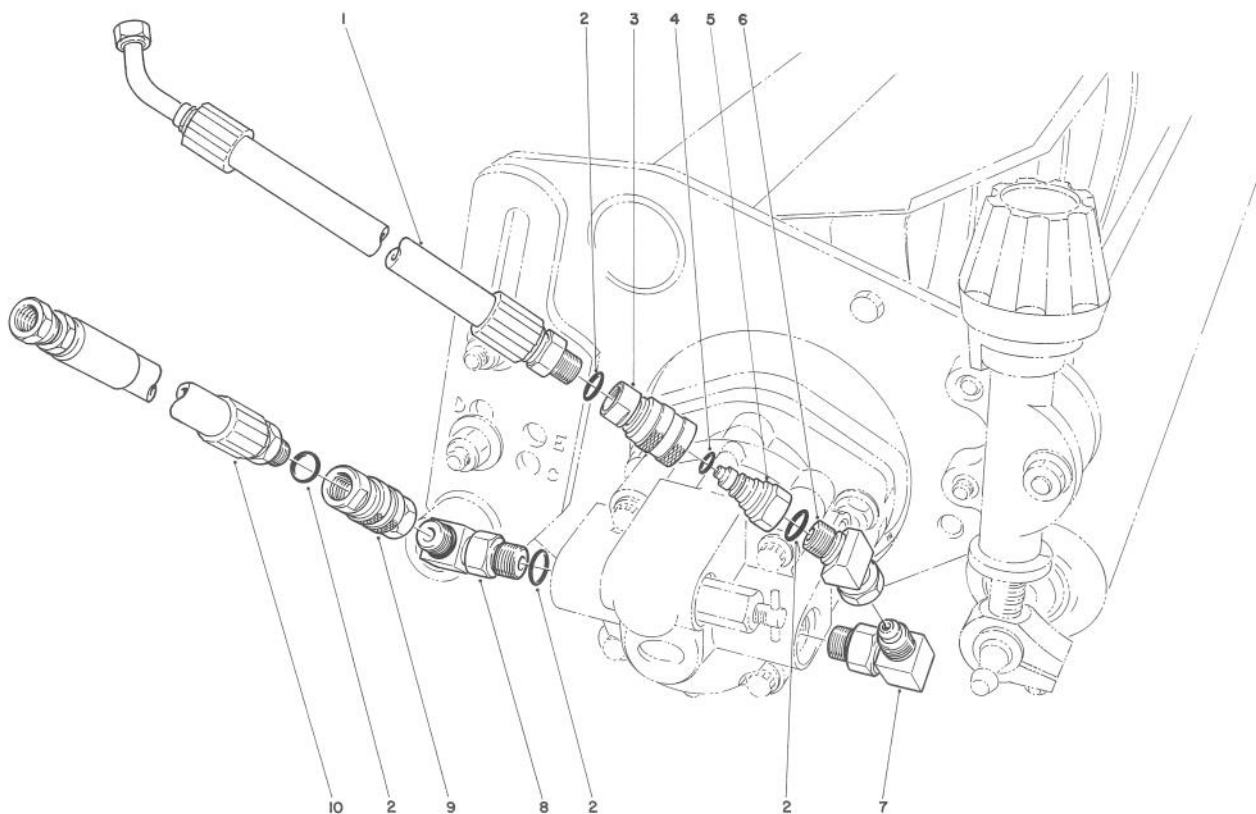
T-0956

CUTTING UNIT ROLLER OPTIONS

Ref. No.	Part No.	Description	No. Used
1	52-3180	Bearing – Front Roller	2
2	302-5	Fitting – Grease	2
3	52-3170	Full Front Roller Assembly (Incl. Ref. #1 & 2)	1
4	52-3590	Swaged Roller Assembly (Incl. Ref. No.1 & 2)	1

Ref. No.	Part No.	Description	No. Used
5	71-1550	Wiehle Roller Assembly (Incl. Ref. #2 & 6)	1
6	52-3210	Bearing – Wiehle Roller	2
*	04412	Full Roller Carton of 3	1
*	04414	Swaged Roller Carton of 3	1
*	04424	Wiehle Roller Carton of 3	1

*Not Illustrated

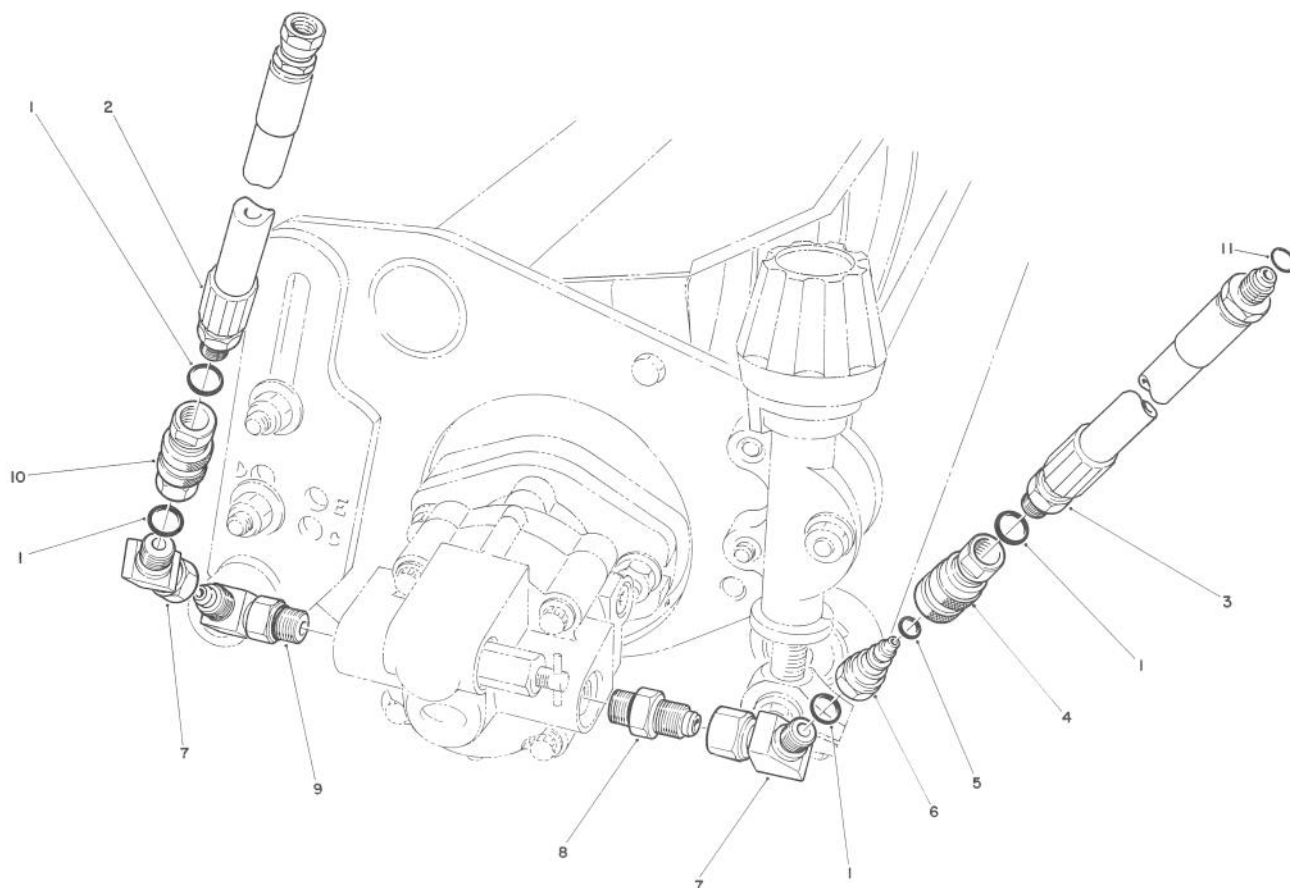


T-0316A

BACKLAPPING KIT NO. 63-4960 (Optional) #1 Cutting Unit

Ref. No.	Part No.	Description	No. Used
1	70-9960	Hose Assembly - Pressure (Incl. Ref. #2)	1
2	237-42	O-Ring	6
3	353-934	Coupling	2
4	237-142	O-Ring	2
5	353-933	Coupling	2
6	54-9530	Fitting - 45° Swivel Elbow (Incl. Ref. #2)	1

Ref. No.	Part No.	Description	No. Used
7	353-374	Fitting - 90° Adjustable El.	1
8	54-9540	Fitting - 90° Adjustable El. (Incl. Ref. #2)	1
9	54-9620	Coupling - Quick Disconn. (Incl. Ref. #3-5)	2
10	70-9950	Hose Assembly - Return (Incl. Ref. #2)	1

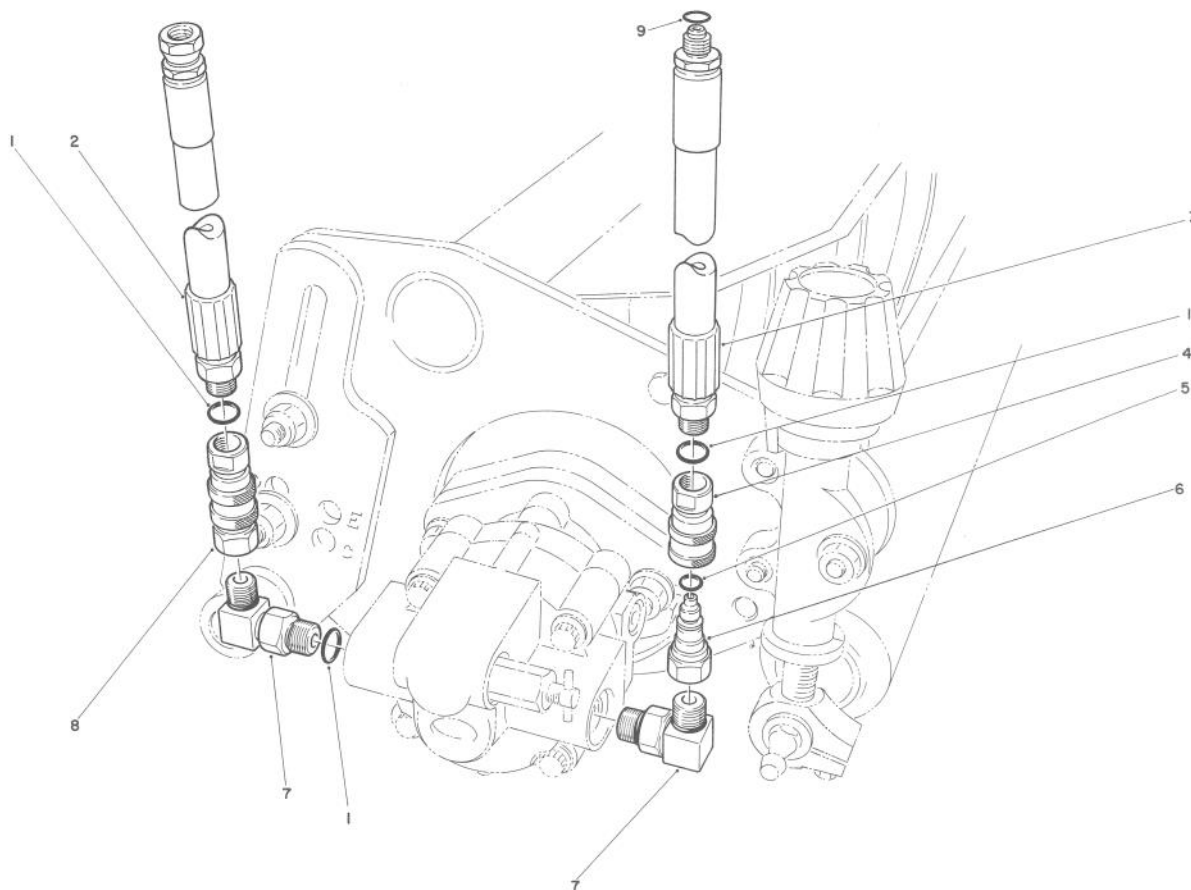


T-0317A

BACKLAPPING KIT NO. 63-4960 (Cont.) #2 Cutting Unit

Ref. No.	Part No.	Description	No. Used
1	237-42	O-Ring	6
2	70-9950	Hose Assembly - Return (Incl. Ref. #1)	1
3	70-9940	Hose Assembly - Pressure (Incl. Ref. #1 & 11)	1
4	353-934	Coupling	2
5	237-142	O-Ring	2
6	353-933	Coupling	2

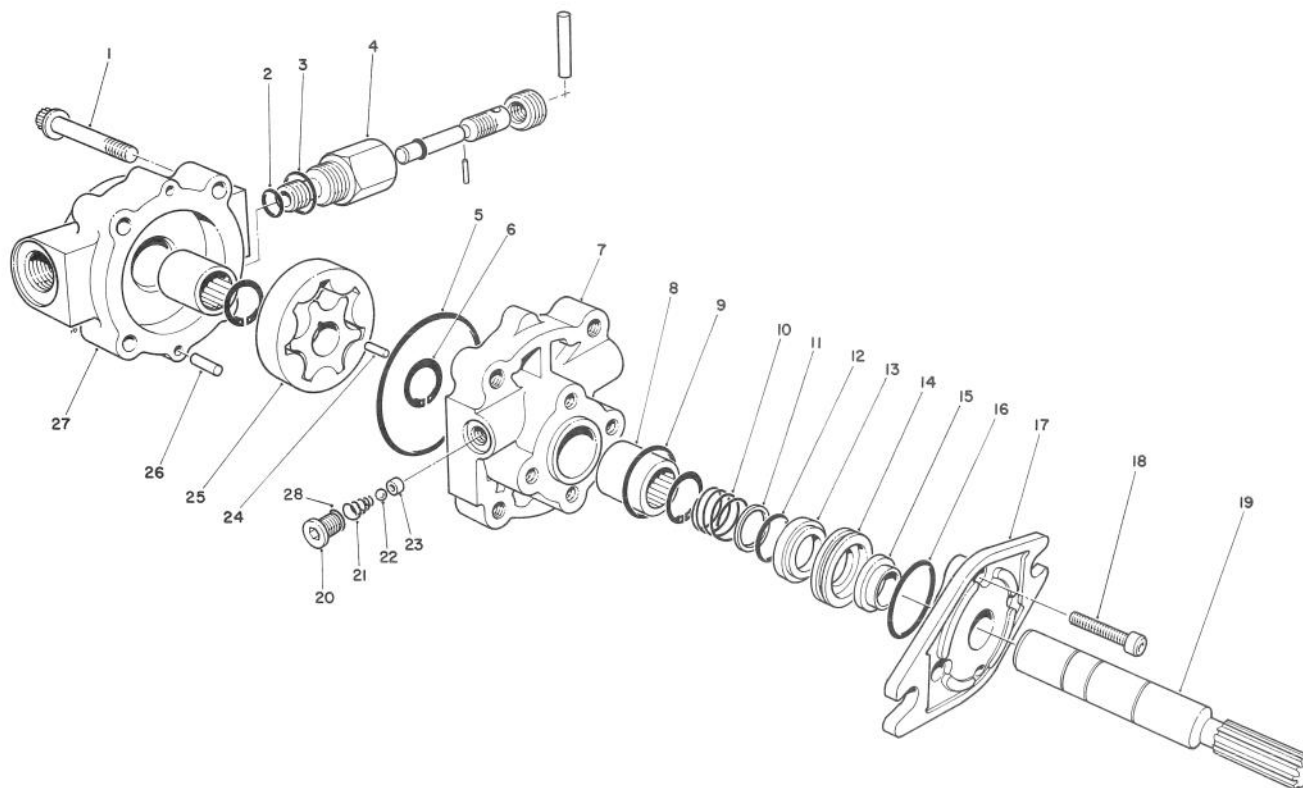
Ref. No.	Part No.	Description	No. Used
7	54-9530	Fitting - 45° Swivel Elbow (Incl. Ref. #1)	2
8	353-384	Fitting - Straight	1
9	353-374	Fitting - 90° Adjustable El.	1
10	54-9620	Coupling - Quick Disconn. (Incl. Ref. #4-6)	2
11	237-22	O-Ring	1



T-0318A

BACKLAPPING KIT NO. 63-4960 (Cont.) No. 3 Cutting Unit

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	237-42	O-Ring	6	6	353-933	Coupling	2
2	70-9950	Hose Assembly - Return (Incl. Ref. #1)	1	7	353-374	Fitting - 90° Adjustable El. (Incl. Ref. #1)	2
3	70-9940	Hose Assembly - Pressure (Incl. Ref. #1 & 9)	1	8	54-9620	Coupling - Quick Disconn. (Incl. Ref. #4-6)	2
4	353-934	Coupling	2	9	237-22	O-Ring	1
5	237-142	O-Ring	2				



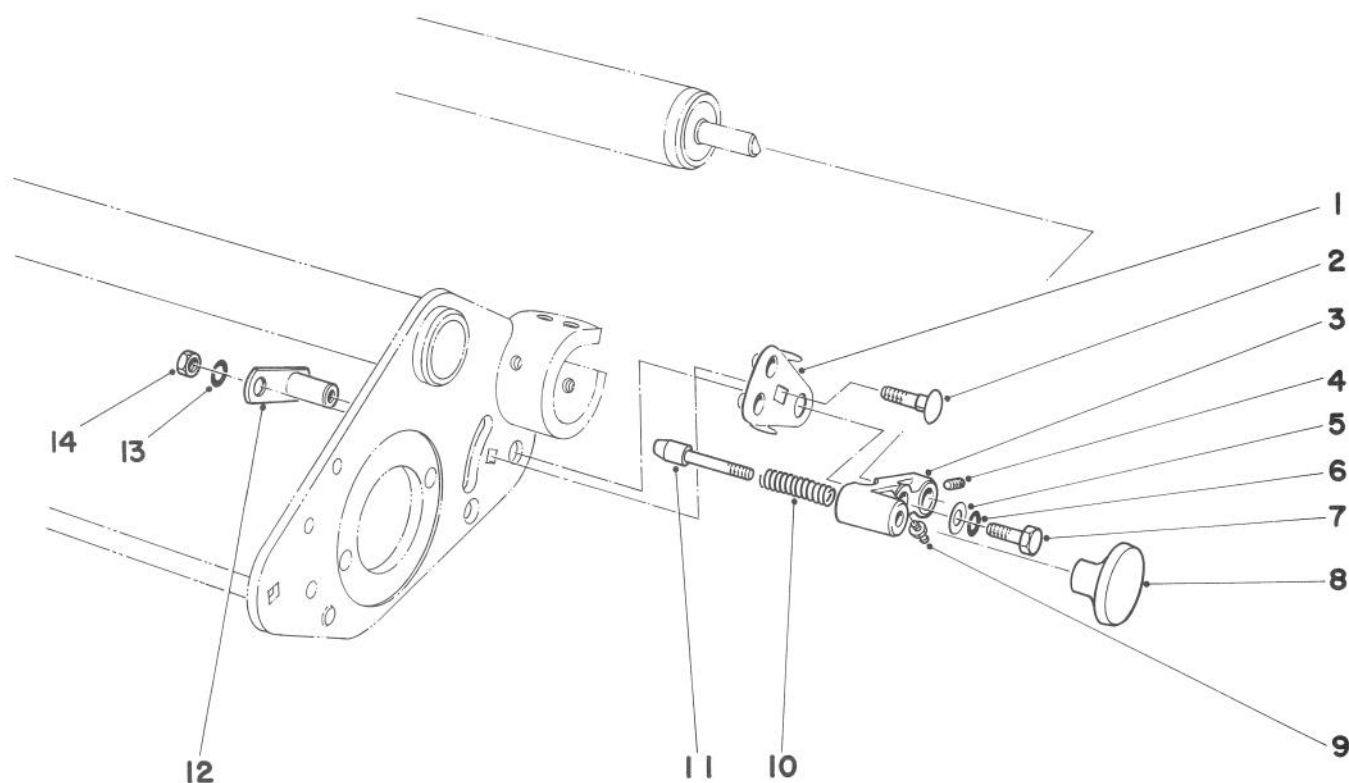
T-0319

BACKLAPPING KIT NO. 63-4960 (Cont.)

Ref. No.	Part No.	Description	No. Used
1	353-892	Screw- 12 Pt.	4
2	353-850	O-Ring	1
3	353-914	O-Ring	1
4	54-9520	Valve - By-Pass (Incl. Ref. #2 & 3)	1
5		O-Ring	1
6	353-907	Ring - Retaining	3
7	353-895	Cover (Incl. Ref. #23)	1
8	353-910	Bearing - Needle	2
9		O-Ring	1
10	353-906	Spring	1
11	353-897	Washer-Seal	1
12		O-Ring	1
13	353-899	Cup - Seal	1
14		Seat - Seal	1
15		Seal - Block	1

Ref. No.	Part No.	Description	No. Used
16		O-Ring	1
17	353-900	Flange - Mounting	1
18	353-905	Screw	4
19	353-904	Shaft	1
20	353-911	Plug	2
21	353-912	Spring - Conical	2
22	353-664	Ball	2
23		Seat	2
24	353-893	Pin - Drive	1
25	353-909	Element - Gerotor	1
26	353-894	Pin - Dowel	2
27	353-891	Body	1
28	237-156	O-Ring	2
*	353-913	Bearing & Seal Kit (Incl. Ref. #5, 8, 9 & 12-16)	1
*	54-9510	Motor & By-Pass Assy. (Complete)	3

*Not Illustrated



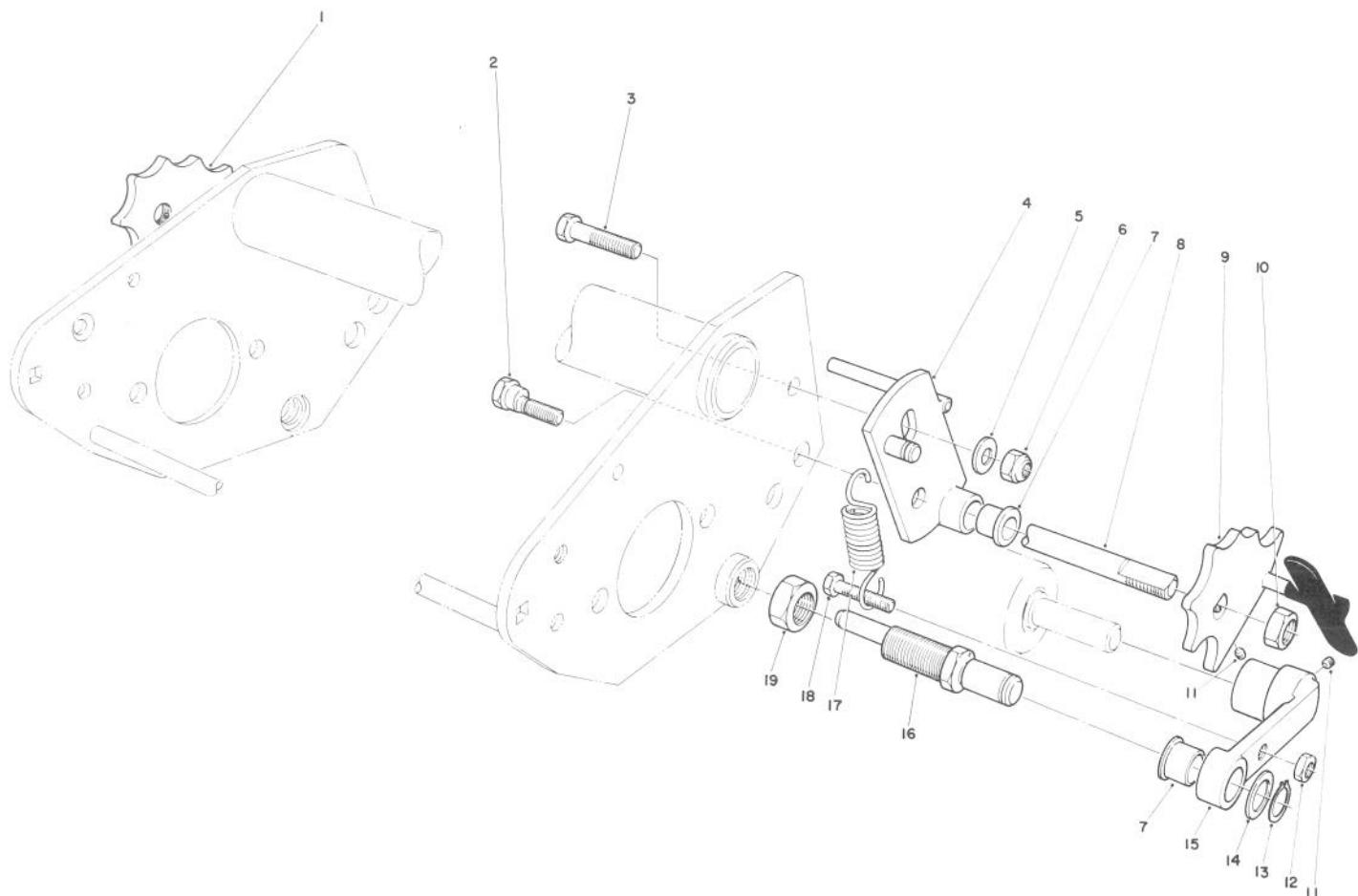
T-0320

QUICK HEIGHT-OF-CUT KIT NO. 29-5910 **(CUTTING UNIT MODEL NO. 04405 & 04408)**

Ref. No.	Part No.	Description	No. Used
1	10-5140	Adj. Plate - Height-of-Cut	6
2	3230-23	Bolt - Carriage	6
3	10-4870	Bracket Height-of-Cut	6
4	3245-7	Screw - Set	6
5	3256-2	Washer - Flat	6
6	3253-3	Washer - Lock	6
7	321-3	Screw - Cap, Hex. Hd.	6
8	233-28	Knob	6

Ref. No.	Part No.	Description	No. Used
9	302-18	Fitting - Grease	6
10	10-4850	Spring - Compression	6
11	10-4880	Pin - Height-of-Cut	6
12	20-4700	Pivot Pin	6
13	3253-4	Washer - Lock	6
14	3217-6	Nut - Hex.	6

Note: Use Rear Roller No. 21-8450 (21-5/8" Lg.) with this Kit.



T-0321

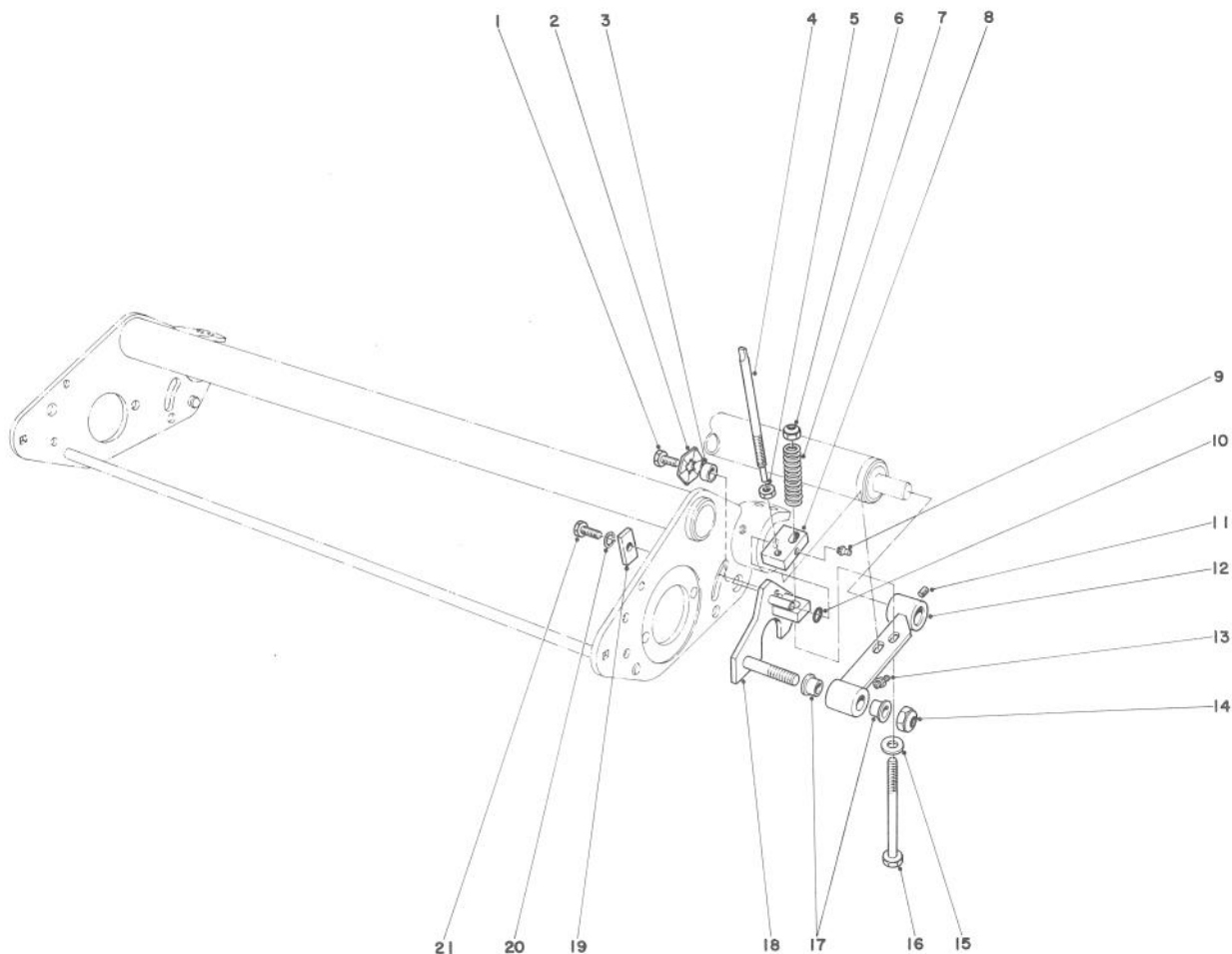
QUICK HEIGHT-OF-CUT SINGLE POINT ADJUST KIT MODEL NO. 04451 (Optional)

Ref. No.	Part No.	Description	No. Used
1	54-7190	Cam - Quick H.O.C.	3
2†	52-3100	Bolt - H.O.C. (L.H. Eccentric)	3
*†	52-3110	Bolt - H.O.C. (R.H. Shoulder)	3
3†	323-7	Screw - Cap, Hex Hd.	6
4	54-7250	Bracket - Quick H.O.C. (L.H.) (Incl. Ref. #7)	3
*	54-7120	Bracket - Quick H.O.C. (R.H.) (Incl. Ref. #7)	3
5†	3256-24	Washer - Flat	12
6†	3296-39	Nut - Lock	12
7	256-155	Bushing - Flange	12
8	54-7180	Shaft-Cam	3
9	54-7240	Cam - Quick H.O.C. (L.H. & Center)	2
*	54-7200	Cam - Quick H.O.C. (R.H.)	1

Ref. No.	Part No.	Description	No. Used
10	32153-7	Nut - Lock	6
11	3290-125	Screw - Set	12
12	3218-2	Nut - Jam	6
13	32120-3	Ring - Snap	6
14	36-4780	Washer	6
15	54-7140	Pull Arm Assembly (Incl. Ref. #7)	6
16	54-7300	Bolt - Bedbar (L.H. Eccentric)	3
*	54-7310	Bolt - Bedbar (R.H. Shoulder)	3
17	54-7170	Spring - Extension	6
18	322-9	Screw - Cap, Hex Hd.	6
19†	3220-6	Nut - Lock	6

*Not Illustrated

†Items NOT included in kit obtain from existing cutting unit.



T-0322

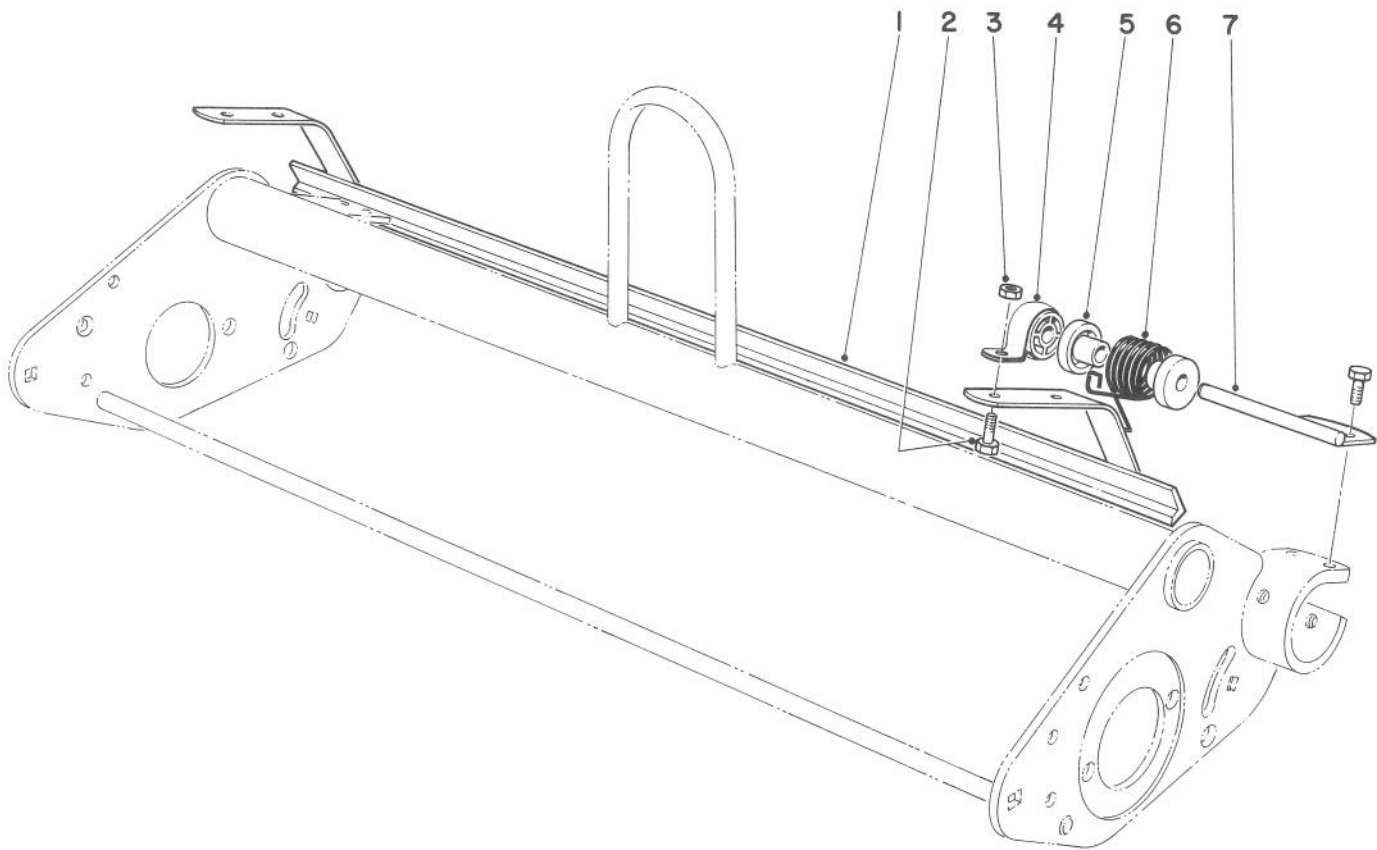
VARIABLE QUICK HEIGHT-OF-CUT KIT NO. 29-9400 (Optional)

Ref. No.	Part No.	Description	No. Used
1	322-2	Screw - Cap, Hex. Hd.	2
2	3290-238	Washer - Lock	2
3	24-9200	Spacer - Mounting	2
4	24-9260	Rod - Adjustment	2
5	3218-2	Nut - Jam	2
6	3296-29	Nut - Lock	2
7	24-9370	Spring - Compression	2
8	24-9220	Pivot Plate	2
9	302-22	Fitting - Grease	2
10	237-21	O-Ring	2
11	3245-1	Screw - Set	2
12	24-9330	Pivot Arm L.H. (Incl. Ref. #13 & 17)	1
*	24-9340	Pivot Arm R.H. (Incl. Ref. #13 & 17)	1

Ref. No.	Part No.	Description	No. Used
13	302-5	Fitting - Grease	2
14	3296-44	Nut - Lock	2
15	3256-23	Washer - Flat	2
16	322-23	Screw - Cap, Hex. Hd.	2
17	256-116	Bushing	4
18	24-9320	Base Plate L.H.	1
*	24-9310	Base Plate R.H.	1
19	24-9240	Washer	2
20	3254-2	Washer - Lock	2
21	322-3	Screw - Cap, Hex. Hd.	2

*Not Illustrated

Note: Use Rear Roller No. 21-8450 (21-5/8" Lg.) with this Kit



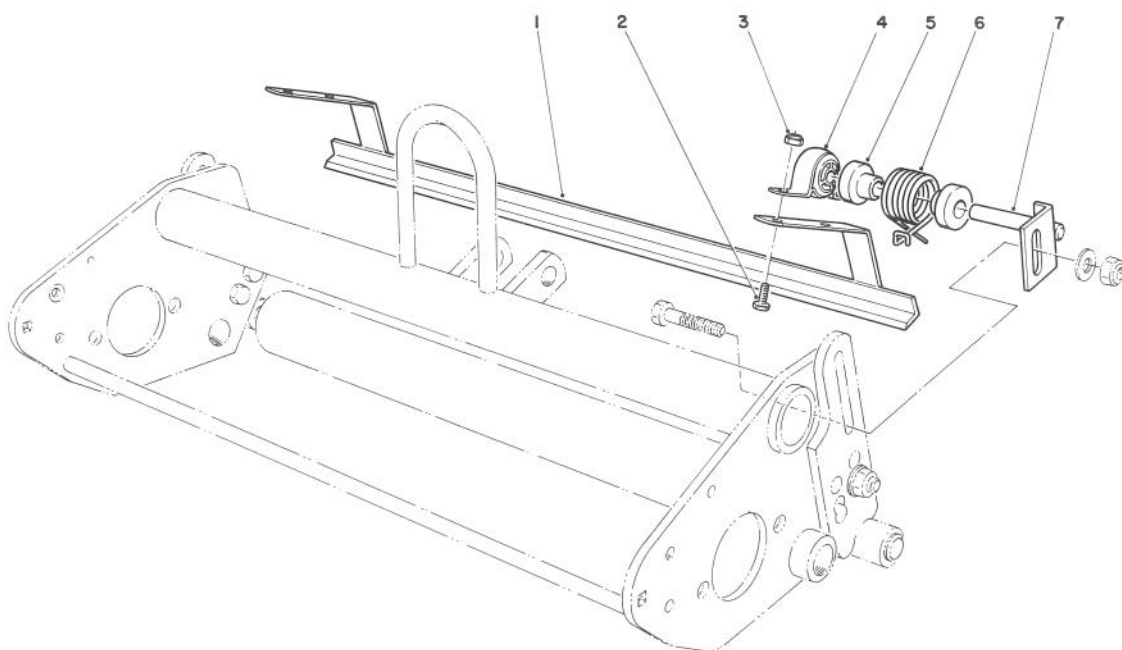
T-0324

ROLLER SCRAPER KIT NO. 42-4820 (Optional)

Ref. No.	Part No.	Description	No. Used
1	42-4800	Scraper Bar	1
2	321-3	Screw - Cap, Hex. Hd.	8
3	32152-4	Nut - Lock	4
4	256-239	Bearing	2
5	19-9560	Spacer - Spring	4

Ref. No.	Part No.	Description	No. Used
6	19-9540	Spring L.H.	1
*	19-9550	Spring R.H.	1
7	42-4780	Scraper Mount L.H.	1
*	42-4790	Scraper Mount R.H.	1

*Not Illustrated



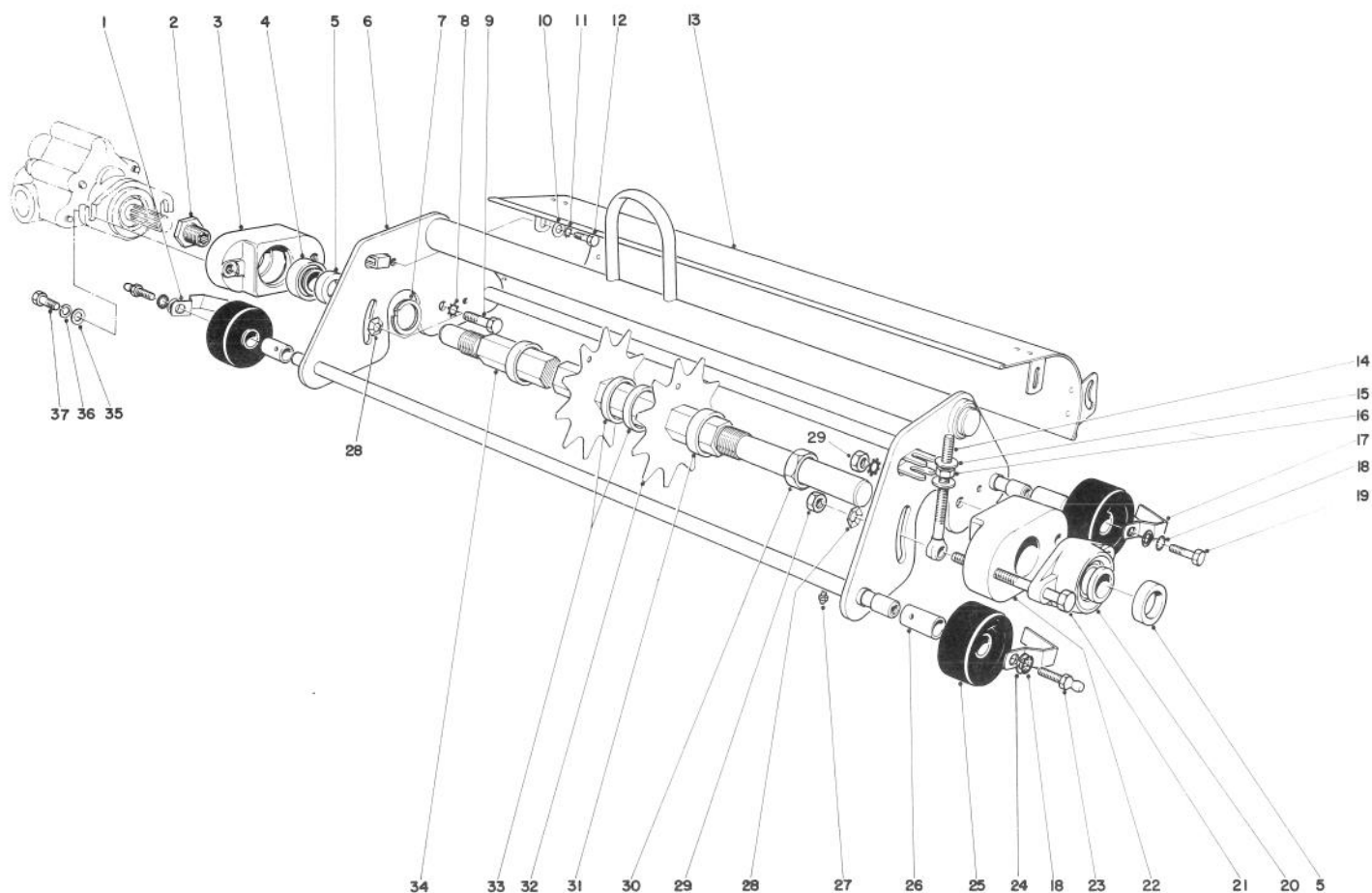
T-0323

ROLLER SCRAPER KIT NO. 53-9240 (FOR MODEL NO. 04450 & 04468 CUTTING UNITS) (OPT.)

Ref. No.	Part No.	Description	No. Used
1	42-4800	Bar - Scraper	1
2	321-3	Screw - Cap, Hex. Hd.	4
3	32152-4	Nut - Lock	4
4	256-239	Bearing	2

Ref. No.	Part No.	Description	No. Used
5	19-9560	Spacer - Spring	4
6	19-9540	Spring - Torsion LH	1
*	19-9550	Spring - Torsion RH	1
7	53-9250	Bracket - Mount., Scraper	2

*Not Illustrated



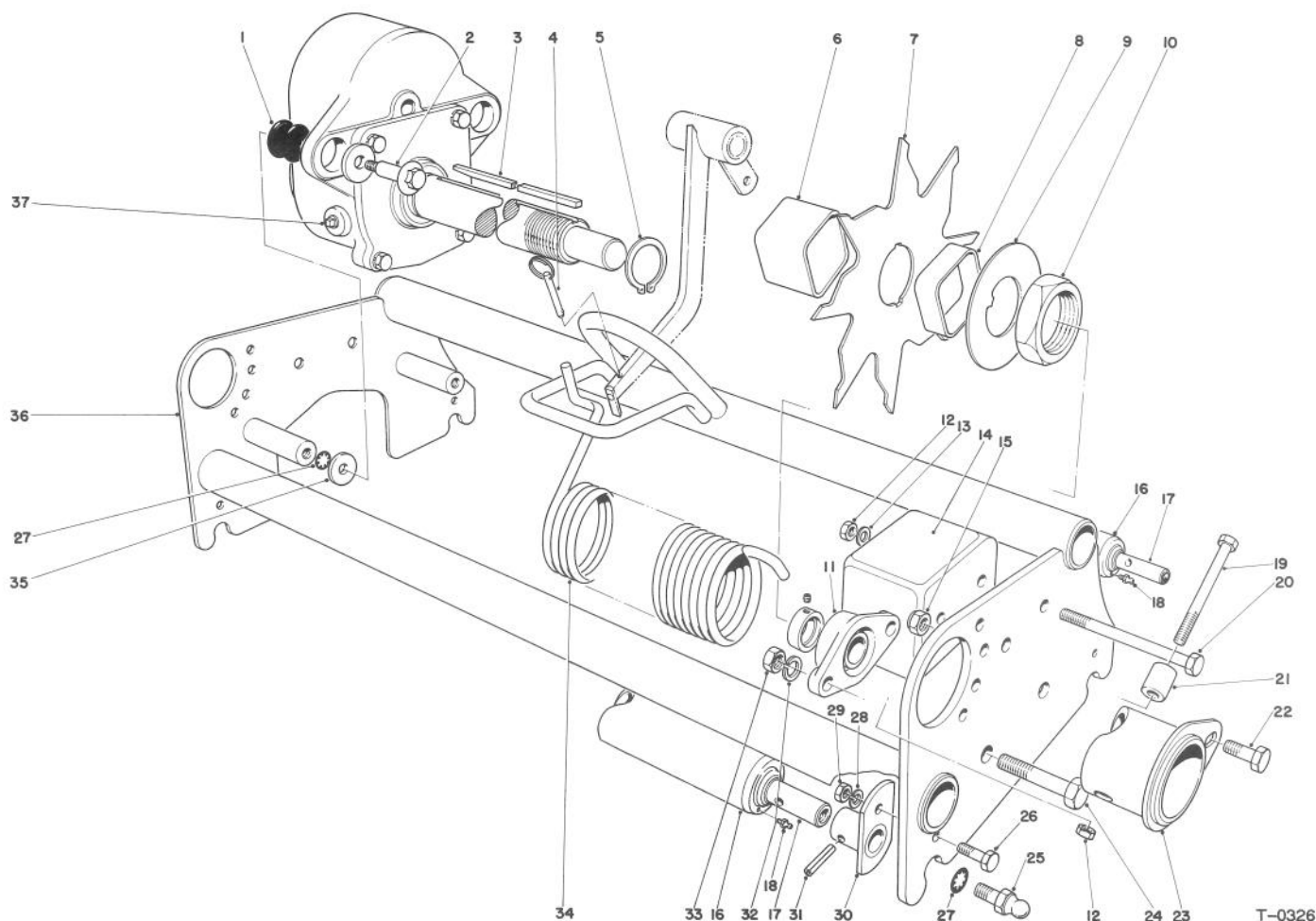
T-0325

THATCHING REEL ATTACHMENT MODEL NO. 04416 (Optional)

Ref. No.	Part No.	Description	No. Used
1	17-1650	Scraper - Wheel R.H.	2
2	10-5100	Nut - Spline	1
3	17-1610	Housing - Bearing	1
4	251-206	Bearing	1
5	251-77	Lock Collar	2
6	17-1450	Frame W.A.	1
7	32120-77	Ring -Retaining	1
8	3255-16	Washer - Lock, Ext. Tooth	2
9	324-6	Screw - Cap, Hex. Hd.	2
10	3256-22	Washer - Flat	4
11	3255-7	Washer - Lock, Ext. Tooth	4
12	329-1	Screw - Cap, Hex. Hd.	4
13	17-1530	Grass Shield	1
14	17-1510	Eye Bolt	2
15	17-1710	Washer	4
16	3217-7	Nut - Hex.	2
17	17-1640	Scraper-Wheel L.H.	2
18	3254-6	Washer - Lock, Ext. Tooth	4
19	3211-3	Screw - Cap, Hex. Hd.	2
20	251-247	Housing - Bearing	1

Ref. No.	Part No.	Description	No. Used
21	324-13	Screw - Cap, Hex. Hd.	2
22	17-1520	Counterweight	1
23	2411-7	Ball Stud	2
24	3256-3	Washer - Flat	4
25	17-1630	Wheel	4
26	17-1620	Bushing - Wheel	4
27	302-5	Fitting -Grease	4
28	3290-334	Washer - Lock, Pyramidal	2
29	3217-8	Nut - Hex.	2
30	3220-18	Nut - Jam	2
31	17-1580	Spacer	2
32	17-1590	Blade	37
33	17-1600	Spacer	72
34	17-1570	Shaft Hex	1
35	3256-24	Washer - Flat	2
36	3255-9	Washer - Lock	2
37	323-6	Screw - Cap, Hex. Hd.	2
*	17-2290	Gauge .060	2
*	17-2300	Gauge .120	2
*	17-2310	Gauge .250	2

*Not Illustrated

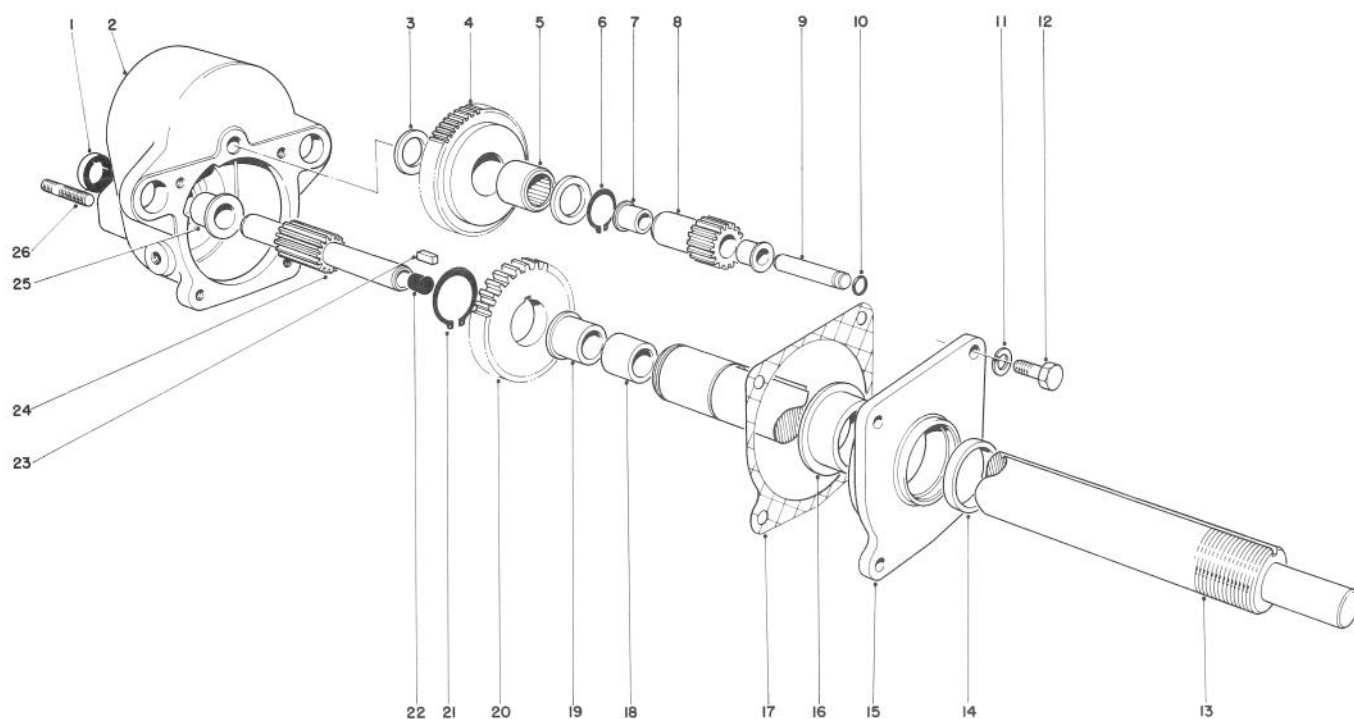


SPIKER ATTACHMENT MODEL NO. 04420 (Optional)

Ref. No.	Part No.	Description	No. Used
1	237-90	Grommet	2
2	3-2652	Bolt	2
3	20-7370	Key - Square	1
4	21-9110	Pin - Ball, Lock	1
5	32151-44	Ring - Retaining	1
6	20-7390	Spacer	9
7	20-7380	Blade	10
8	20-7400	Spacer	1
9	20-7790	Washer	1
10	3218-17	Nut - Nut	1
11	251-247	Bearing Assembly	1
12	3296-39	Nut - Lock	3
13	3256-4	Washer - Flat	2
14	20-7720	Counter - Weight	1
15	3296-47	Nut - Lock	1
16	52-3170	Roller Assembly (Complete) (Incl. Ref. #17 & 18)	2
17	52-3180	Front Roller Bearing	4
18	302-5	Fitting - Grease	4

Ref. No.	Part No.	Description	No. Used
19	323-15	Screw - Cap, Hex. Hd.	1
20	323-11	Screw - Cap, Hex. Hd.	2
21	20-7530	Spacer	1
22	322-3	Screw - Cap, Hex. Hd.	1
23	20-7540	Spring Tube	1
24	324-6	Screw - Cap, Hex. Hd.	2
25	2411-7	Ball Stud	2
26	321-4	Screw - Cap, Hex. Hd.	4
27	3254-6	Washer - Lock, Int. Tooth	4
28	3253-3	Washer - Lock	4
29	3217-5	Nut - Hex.	4
30	20-7570	Roller Mounting Bracket	4
31	32121-16	Pin - Roll	4
32	3255-16	Washer - Lock	2
33	3217-8	Nut - Hex.	2
34	20-7520	Spring	1
35	20-7510	Spacer	4
36	20-7420	Frame	1
37	281-2	Plug - Pipe	1
*	21-6000	Spiker Depth Gauge	1

*Not Illustrated

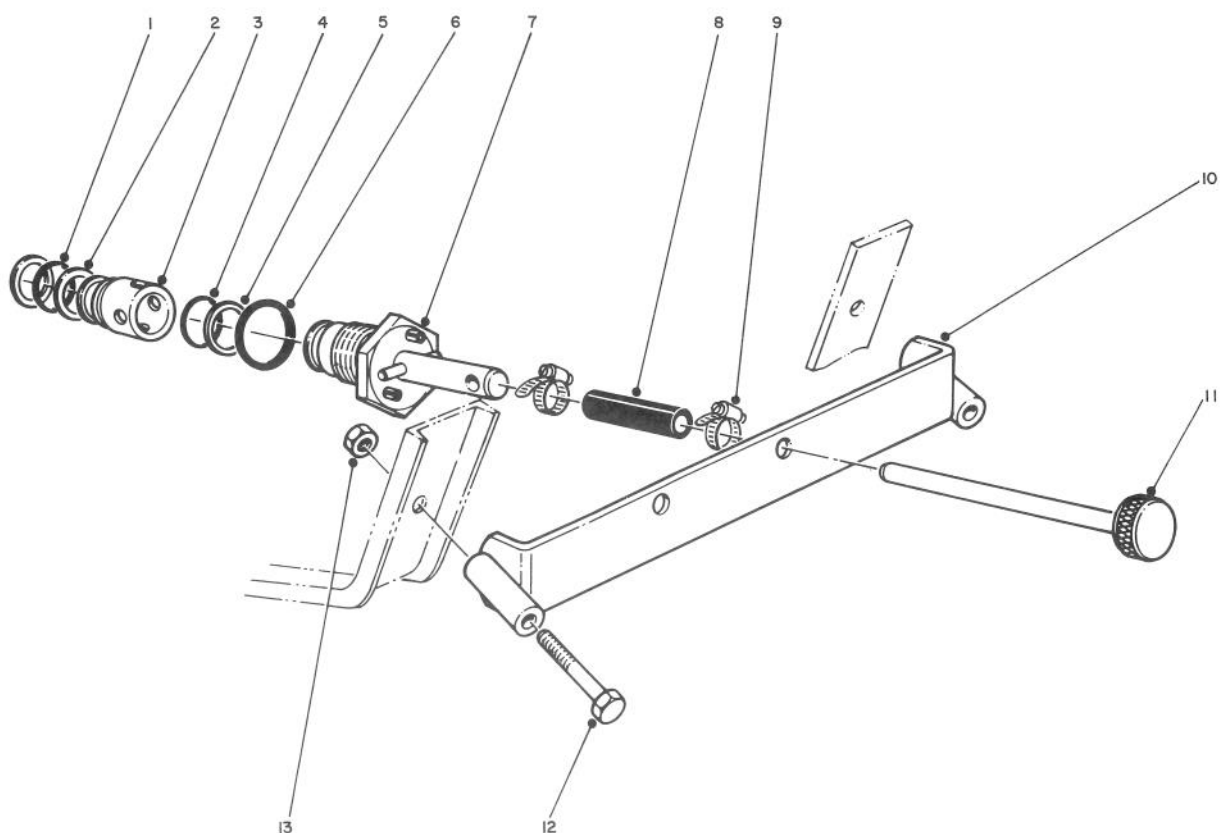


T-0327

SPIKER ATTACHMENT MODEL NO. 04420 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
1	253-131	Seal	1
2	53-9960	Housing Assembly (Incl. Ref. #1 & 25-26)	1
3	256-115	Washer - Thrust	2
4	20-7850	Gear 64T	1
5	352-284	Bearing	1
6	32151-29	Ring - Retaining	1
7	256-243	Bushing	2
8	20-7690	Gear 15T	1
9	20-7330	Countershaft	1
10	237-22	O-Ring	1
11	3253-4	Washer - Lock	4
12	322-5	Screw - Cap, Hex. Hd.	4
13	23-5150	Shaft Assembly	1

Ref. No.	Part No.	Description	No. Used
14	253-130	Seal	1
15	20-7700	Cover Assembly (Incl. Ref. #14 & 16)	1
16	20-7740	Bushing	1
17	20-7410	Gasket	1
18	256-27	Bushing	1
19	256-117	Bushing	1
20	20-7820	Gear 45T	1
21	32151-35	Ring - Retaining	1
22	2410-34	Plug	1
23	20-7360	Key	1
24	20-7750	Gear 16T	1
25	256-244	Bushing	1
26	20-7350	Stud	2

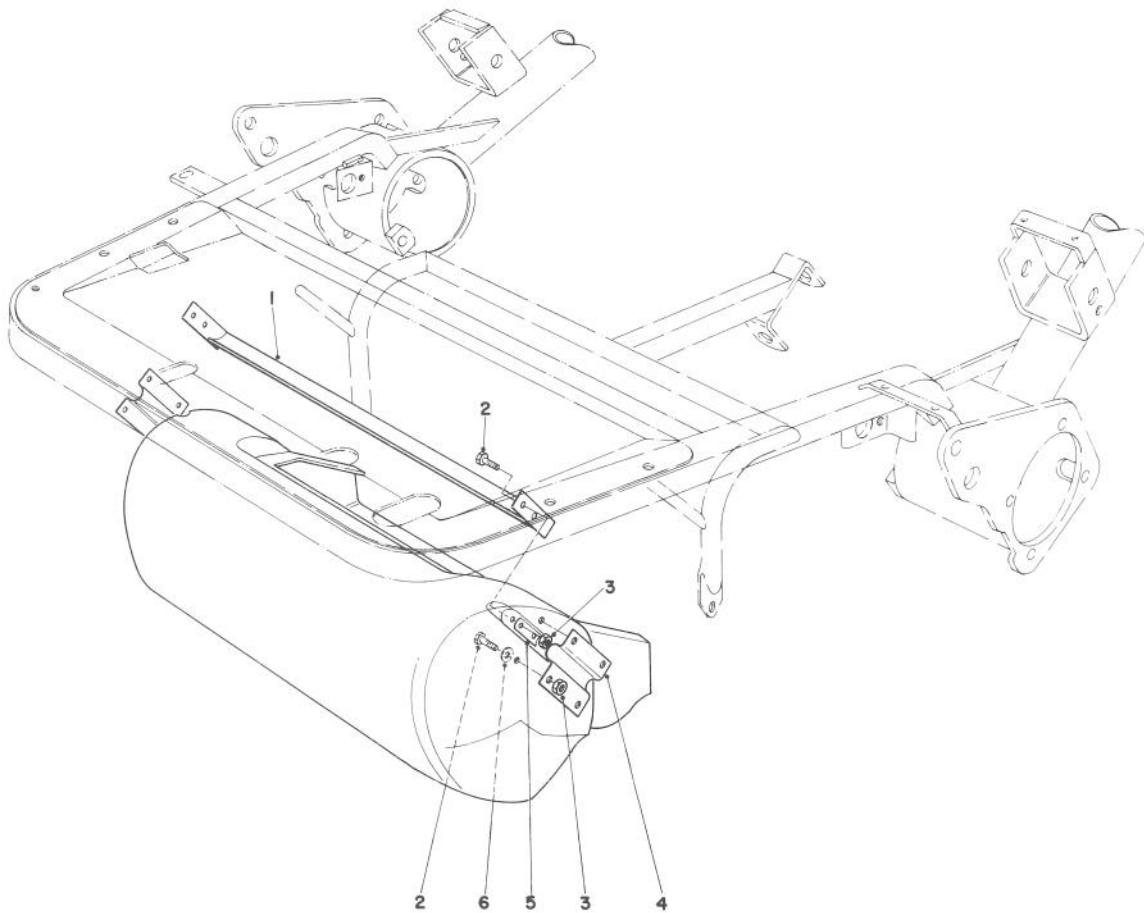


T-0328

REEL SHUTOFF KIT NO. 28-2150 (Optional)

Ref. No.	Part No.	Description	No. Used
1	353-302	O-Ring	2
2	353-303	Backup Seal	4
3	353-484	Check (Incl. Ref. #1 & 2)	2
4	353-305	O-Ring	2
5	353-306	Washer - Backup	2
6	237-54	O-Ring	2
7	353-503	Shutoff Valve Set (2 Valves Per Set) (Incl. Ref. #1-6)	1
8	18-2400	Hose - Rubber	2

Ref. No.	Part No.	Description	No. Used
9	2412-45	Hose Clamp	4
10	28-2070	Front Bracket	1
11	20-2210	Knob Assembly	2
12	321-10	Screw - Cap, Hex. Hd.	2
13	3217-5	Nut - Hex.	2

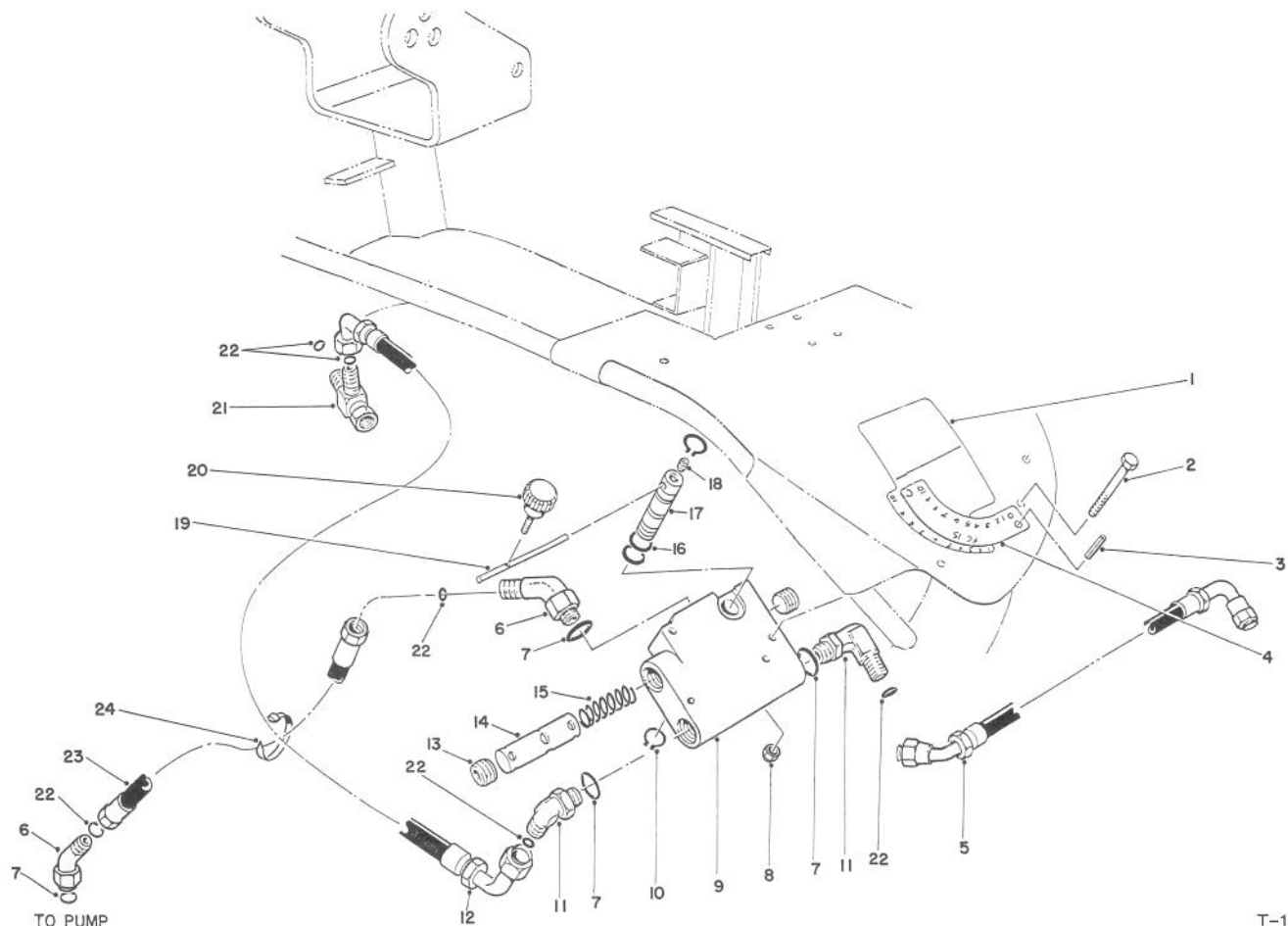


T-0333

BASKET REINFORCEMENT KIT NO. 26-0900 (Optional)

Ref. No.	Part No.	Description	No. Used
1	26-0930	Support - Lift	3
2	321-2	Screw - Cap, Hex. Hd.	36
3	32153-4	Nut - Lock	36

Ref. No.	Part No.	Description	No. Used
4	26-0940	Plate - Wear	6
5	26-0950	Plate Dished	6
6	3256-2	Washer - Flat	24



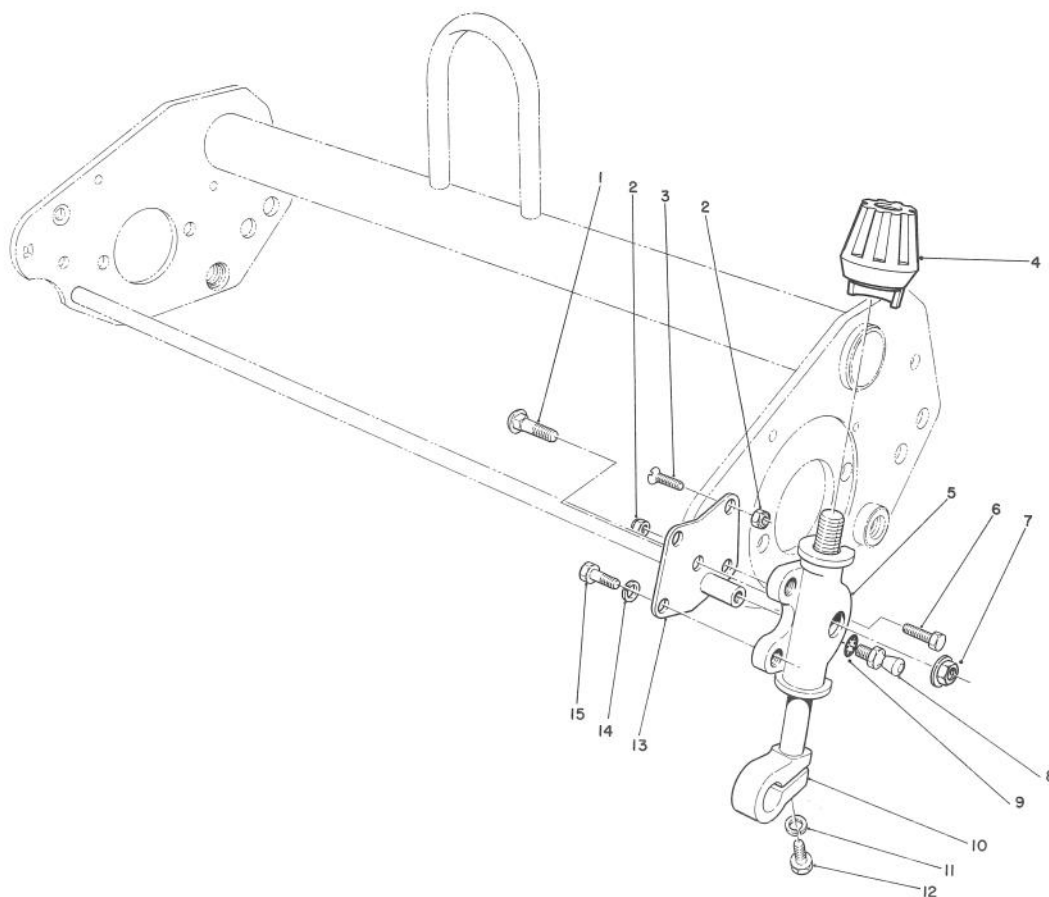
T-1375

VARIABLE TRACTION CONTROL KIT MODEL NO. 04422 (Optional)

Ref. No.	Part No.	Description	No. Used
1	74-3490	Decal - Traction Control	1
2	321-33	Screw- Cap Hex Hd.	2
3	32121-4	Pin - Roll Slotted	2
4	49-0320	Plate - Dial	1
5	68-5820	Hose - Hyd. (Pressure)	1
6	340-89	Elbow - 45° (Incl. Ref. #7 & 22)	2
7	237-80	Seal - O-Ring	4
8	3296-56	Nut - Lock	2
9		Body-Main	1
10	32120-76	Ring - Snap	2
11	340-105	Elbow - 90° Adjustable (Incl. Ref. #7 & 22)	2
12	68-5790	Hose - Hydraulic (Return)	1
13	49-0300	Plug Pipe	2

Ref. No.	Part No.	Description	No. Used
14	49-0370	Spool - Metering	1
15	49-0340	Spring - Metering	1
16	237-54	Seal - O-Ring	2
17	66-1660	Spool - Lever Side	1
18	3274-42	Screw - Set Hex Socket	1
19	49-0350	Handle	1
20	49-0360	Screw - Thumb	1
21	340-104	Tee - Swivel Run (Incl. Ref. #22)	1
22	237-30	Seal - O-Ring	6
23	68-5800	Hose - Hydraulic	1
24	3290-378	Tie - Cable	3
*	47-6640	Valve Flow Control (Incl. Ref. #3, 4, 9, 10 & 13-20)	1

*Not Illustrated



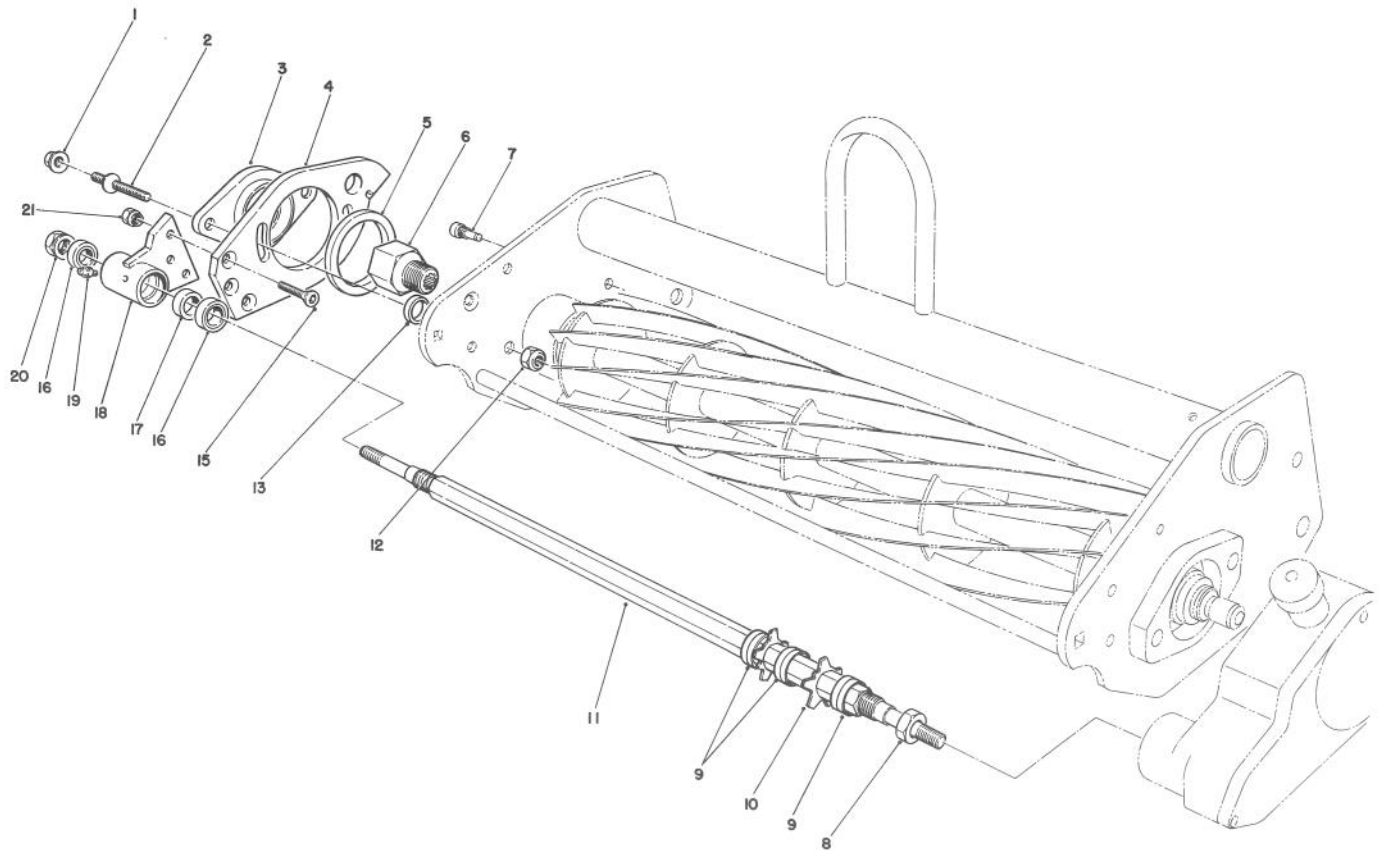
T-0329A

8 & 11 BLADE CUTTING UNITS w/GROOMER MODEL NO. 04460 & 04465

Ref. No.	Part No.	Description	No. Used
1	3230-5	Bolt - Carriage	2
2	3296-47	Nut - Lock	4
3	32108-20	Screw - Mach. Flat Hd.	2
4	65-8600	Knob - Height Adjustment	2
5	65-9490	Bracket - HOC	2
6	322-3	Screw - Cap, Hex. Hd.	2
7	32128-25	Nut - Hex. Flange	2
8	2411-7	Stud - Ball	2

Ref. No.	Part No.	Description	No. Used
9	3254-6	Washer - Lock, Int. Tooth	2
10	65-9500	Screw - Roller Adjustment	2
11	3253-3	Washer - Lock	2
12	321-4	Screw - Cap, Hex. Hd.	2
13	65-9530	Roller Extension W.A.- LH	1
*	65-9460	Roller Extension W.A.- RH	1
14	3253-4	Washer - Lock	4
15	322-2	Screw - Cap, Hex. Hd.	4

*Not Illustrated

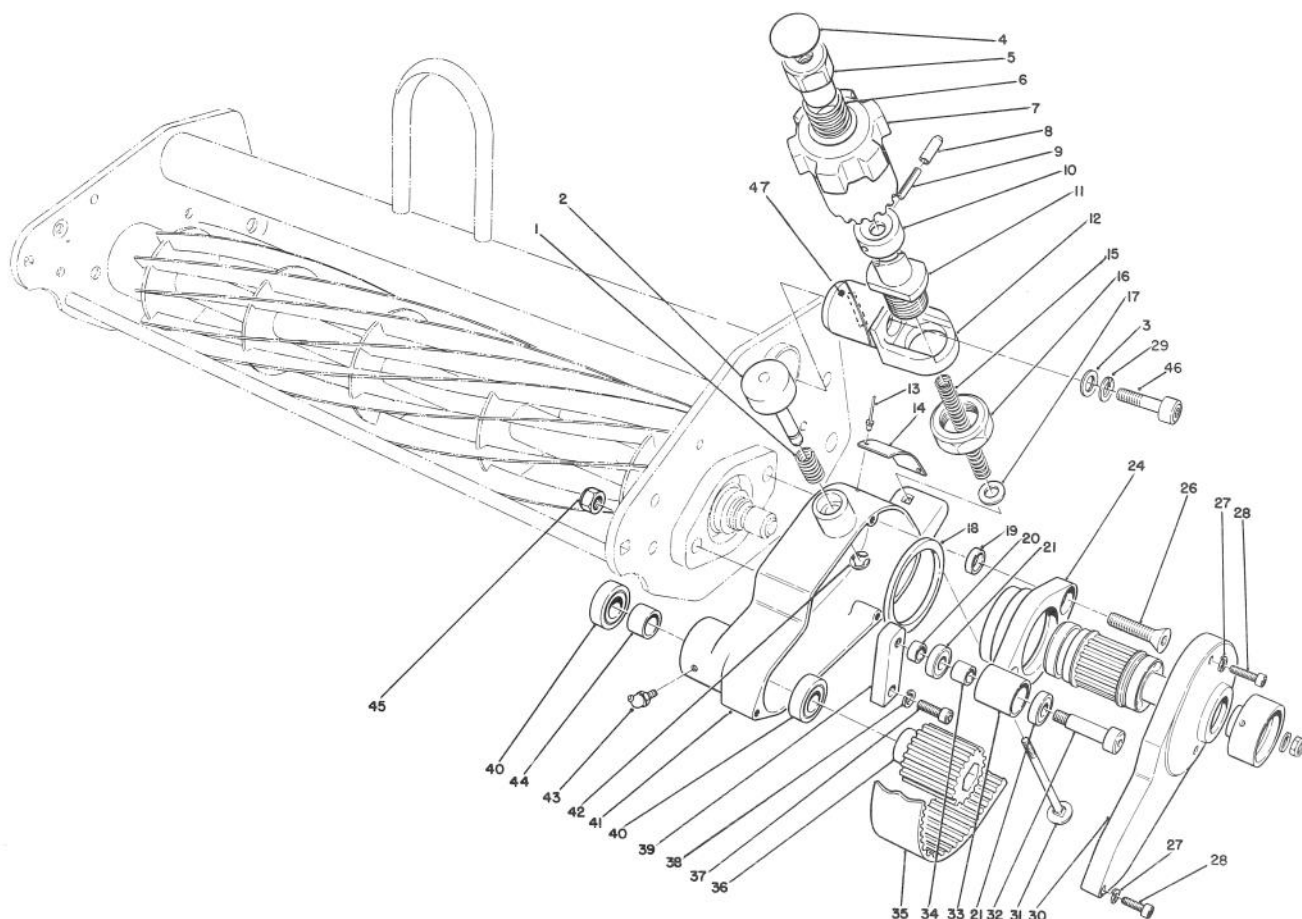


T-0330

8 & 11 BLADE CUTTING UNITS w/GROOMER MODEL NO. 04460 & 04465 (Continued)

Ref. No.	Part No.	Description	No. Used
1	32128-36	Nut - Flange	2
2	65-9970	Stud	2
3	65-9350	Adapter	1
4	65-9230	Plate - Side	1
5	65-9860	Bearing	1
6	77-0560	Nut - Splined	1
7	65-9960	Screw - Pivot	2
8	3296-60	Nut - Lock	2
9	70-1350	Spacer (41 Blade Reel)	84
10	70-1170	Blade (41 Blade Reel)	41

Ref. No.	Part No.	Description	No. Used
11	75-9980	Shaft	1
12	32152-2	Nut - Lock	2
13	65-9820	Spacer	2
15	3289-21	Screw - Hex. Soc. Fl. Hd.	3
16	251-327	Bearing - Ball	2
17	65-9300	Spacer	1
18	65-9220	Housing - Bearing	1
19	302-5	Fitting - Grease	1
20	3296-62	Nut	1
21	3296-4	Nut - Lock	3



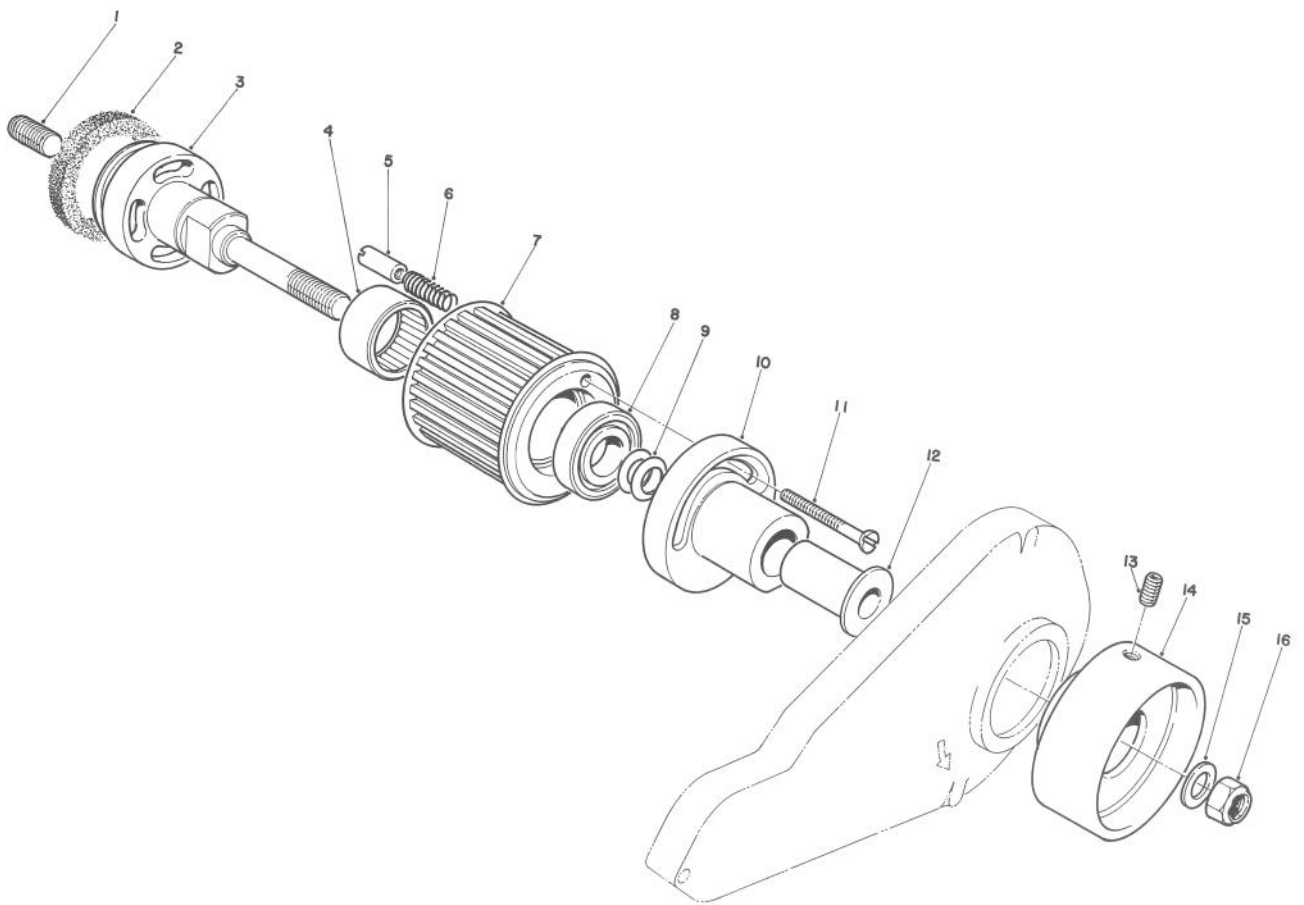
T-0651

8 & 11 BLADE CUTTING UNITS w/GROOMER MODEL NO. 04460 & 04465 (Continued.)

Ref. No.	Part No.	Description	No. Used
1	65-9940	Spring	1
2	65-9930	Cap	1
3	3256-74	Washer - Flat	1
4	284-3	Plug - Expansion	2
5	65-9670	Driver	2
6	65-9580	Spring	2
7	65-9560	Adj. Knob Assembly (Incl. Ref. #4-6)	2
8	2410-68	Cover - Pin	2
9	32121-15	Pin - Roll	2
10	65-9550	Cap	2
11	65-9830	Ramp	2
12	70-7470	Block - Mounting (Modified)	2
13	3290-271	Rivet - Pop	2
14	65-9950	Plate - Caution	1
15	65-9810	Spring	2
16	3296-49	Nut - Lock	2
17	3256-24	Washer - Flat (LH Side)	1
*	65-9850	Washer (RH Side)	1
18	65-9860	Bearing	1
19	65-9820	Spacer	2
20	65-9330	Spacer	1
21	251-328	Bearing	2

Ref. No.	Part No.	Description	No. Used
24	65-9350	Adapter	1
26	3289-19	Screw - Flat Hd. Socket	2
27	3253-12	Washer - Lock	3
28	3274-13	Screw - Cap, Soc. Head	3
29	3253-4	Washer - Lock	2
30	65-9710	Cover - Belt	1
31	65-9890	Bolt - Carriage	1
32	65-9340	Screw - Shoulder	1
33	65-9320	Idler - Pulley	1
34	65-9980	Spacer - Pulley, Idler	1
35	65-9700	Belt	1
36	65-9290	Pulley - Driven	1
37	3274-22	Screw - Cap, Hex. Soc.	1
38	3253-4	Washer - Lock	1
39	65-9310	Block - Idler	1
40	251-327	Bearing	2
41	65-9270	Housing - Drive, Belt	1
42	32120-18	Ring - Retaining	1
43	302-11	Fitting - Grease	1
44	65-9300	Spacer - Pulley, Driven	1
45	32152-2	Nut - Lock	2
46	3274-86	Screw - Cap, Soc. Hd.	2
47	257-10	Washer	2

*Not Illustrated

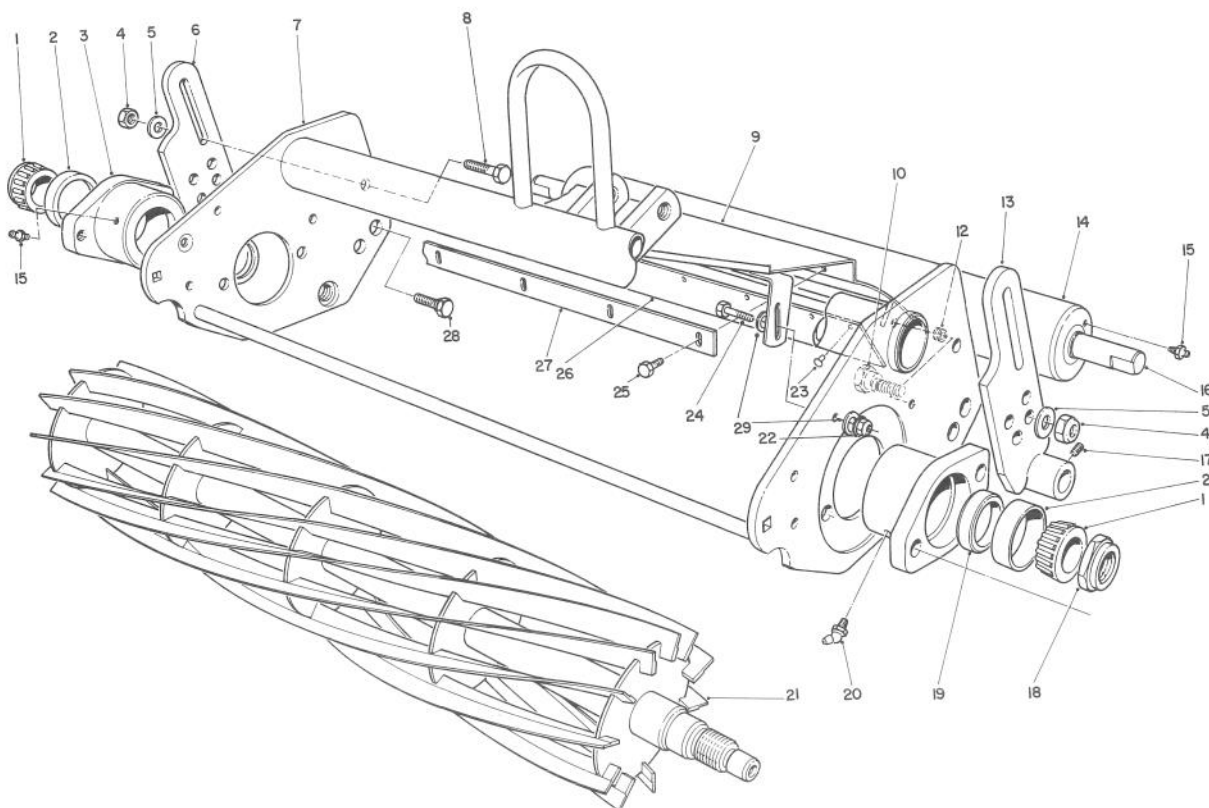


T-0322

8 & 11 BLADE CUTTING UNITS w/GROOMER MODEL NO. 04460 & 04465 (Continued)

Ref. No.	Part No.	Description	No. Used
1	75-9540	Screw - Set, Soc. Hd.	1
2	65-9900	Seal - Felt	1
3	65-9610	Adapter	1
4	252-110	Bearing - Needle	1
5	65-9660	Pin - Clutch	1
6	65-9670	Spring - Compression	1
7	65-9630	Pulley - Driver	1
8	251-327	Bearing - Roller	1

Ref. No.	Part No.	Description	No. Used
9	3290-480	Washer - Belleville	2
10	65-9640	Disc - Release, Clutch	1
11	65-9650	Screw - Special	1
12	256-300	Bushing - Flange	1
13	32110-13	Screw - Set	2
14	65-9680	Knob - Clutch	1
15	3256-24	Washer - Flat	1
16	3296-39	Nut - Lock	1



T-1124

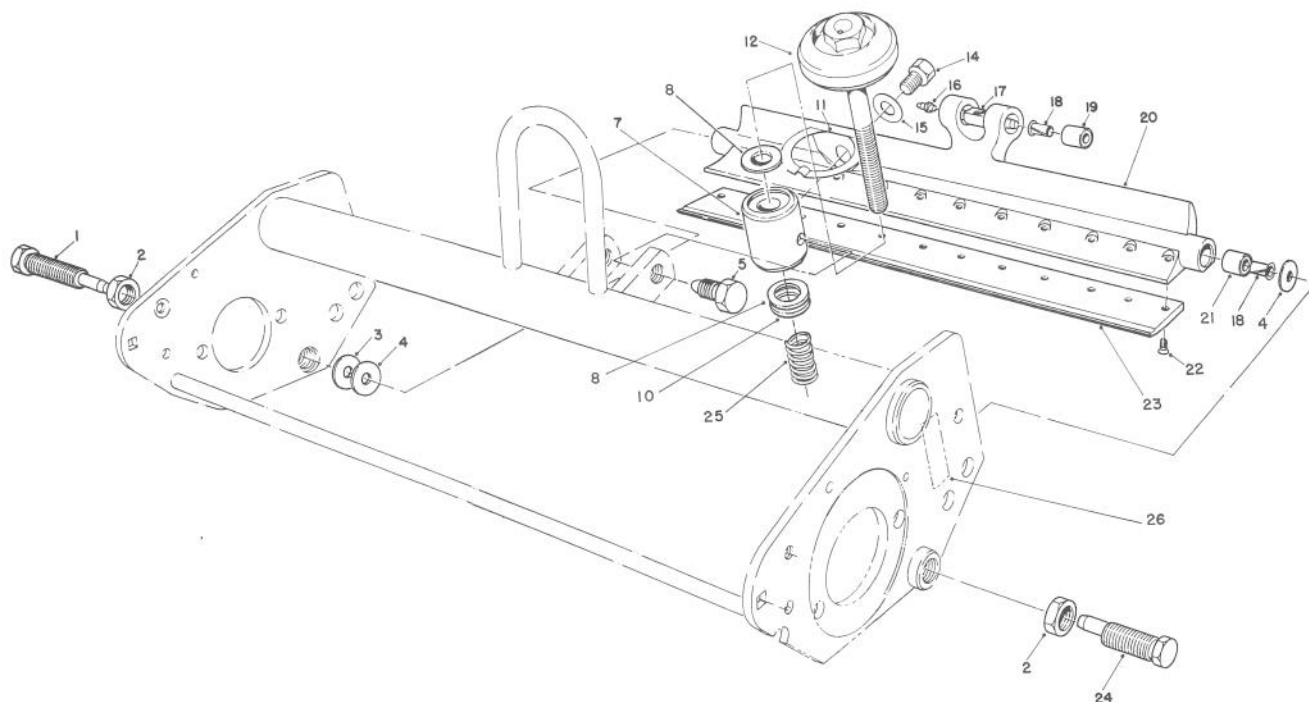
8 & 11 BLADE CUTTING UNITS w/GROOMER MODEL NO. 04460 & 04465 (Continued)

Ref. No.	Part No.	Description	No. Used
1	254-94	Cone - Bearing	2
2	254-72	Cup - Bearing	2
3	10-5120	Housing - Bearing	2
4	3296-39	Nut - Lock	4
5	3256-24	Washer - Flat	4
6	77-1060	HOC Adjustment - RH	1
7	70-1200	Frame - Reel	1
8	323-7	Screw - Cap, Hex. Hd.	2
9	57-5200	Grass Shield Assembly (Incl. Ref. #26 & 27)	1
10	52-3100	Bolt - Eccentric, HOC - LH	1
12	237-84	Grommet	2
13	77-1080	HOC Adjustment - LH	1
14	52-3120	Rear Roller Adjustment (Incl. Ref. #15 & 16)	1
15	302-5	Fitting - Grease	2
16	21-8430	Bearing - Roller, Rear	2
17	3246-2	Screw - Set	2
18	3296-60	Nut - Lock	1
19	253-96	Seal	2

Ref. No.	Part No.	Description	No. Used
20	302-11	Fitting - Grease	1
21	12-2789	Reel - 11 Blade (Model No. 04450)	1
*	12-3599	Reel 8 Blade (Model No. 04465)	1
22	3296-42	Nut - Lock	2
23	3295-46	Rivet	13
24	321-5	Screw - Cap, Hex. Hd.	2
25	32144-73	Screw - Self Tapping	5
26	57-5210	Flap - Shield	1
27	36-7260	Cut-Off Bar	1
28	52-3110	Bolt - Shoulder, HOC - RH	1
29	3256-22	Washer - Flat	4
*	13-8199	Bar Adj. Gauge (Includes †)	1
†	32122-2	Screw - Truss Head	1
†	3219-4	Nut	1
*†		Brush - Backlapping	1
*†		Bearing Replacement Tool Kit	1

*Not Illustrated

*†Special Tool for installation



T-1125A

8 & 11 BLADE CUTTING UNITS w/GROOMER MODEL NO. 04460 & 04465 (Continued)

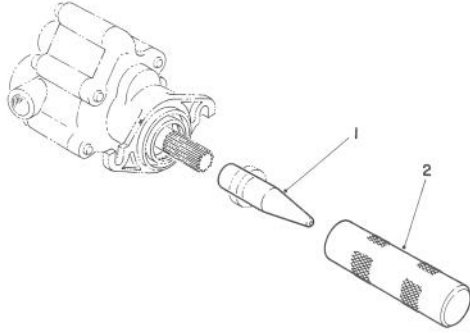
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	52-2930	Bolt - Shoulder, RH	1	20	57-4940	Bedbar	1
2	3220-6	Nut - Hex. Jam	2	21	63-9510	Bushing Assy. - Rubber	1
3	52-2860	Washer	1	22	57-4910	Screw - Special	13
4	52-2900	Washer - Poly	2	23	63-8560	Bed Knife - Tournament	1
5	66-7240	Screw - Pivot, SPA	2	*	62-2500	Bed Knife - 3/16"	1
7	77-0330	Pivot - Single Point Adj.	1	*	63-8470	Bed Knife - 1/8"	1
8	77-0350	Washer - Thrust, Nylon	2	*	63-8600	Bed Knife - Fairway	1
10	257-5	Washer - Steel	1	24	52-2910	Bolt - Eccentric, LH	1
11	66-7220	Arm - Spring	1	25	66-7230	Spring - Compression	1
12	77-0300	Handle Assembly	1	26	77-0490	Decal - Bolt, Eccentric	1
14	324-25	Screw - Cap, Hex. Hd.	1	*	13-3659	Overhaul Kit	
15	3256-25	Washer - Flat	1			(Incl. Ref. #1, 2 & 19 on page 67. #4, 18, 19, 21 & 22 on this page.)	1
16	302-18	Fitting - Grease	1	*†	51-0880	Tool - Bed Knife Screw	1
17	57-5260	Pivot - Bedbar	1				
18	52-2890	Bushing - Flanged	4				
19	62-5510	Bushing Assy. - Rubber	2				

*Not Illustrated

*†Special Tool for installation

SPECIAL TOOLS

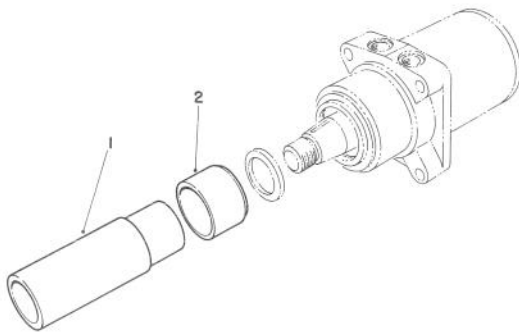
REEL MOTOR SEAL INSTALLATION TOOLS



T-0727

Ref. No.	Part No.	Description	No. Used
1	TOR491430	Protector – Seal	1
2	TOR491450	Installer – Seal	1

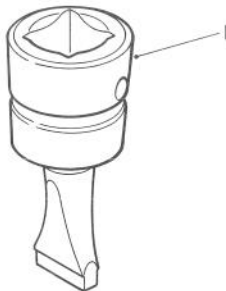
DRIVE MOTOR SEAL INSTALLATION TOOL NO. TOR192660



T-0728

Ref. No.	Part No.	Description	No. Used
1		Driver– Seal	1
2		Holder – Seal	1

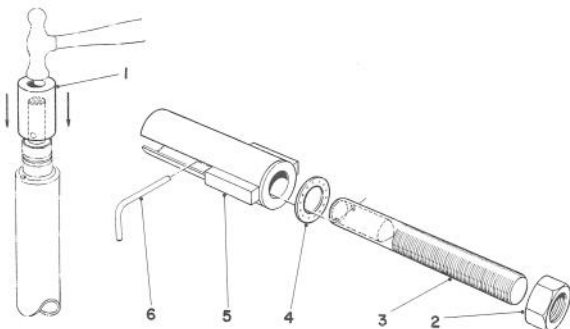
BED KNIFE SCREW TOOL NO. TOR510880



T-0729

Ref. No.	Part No.	Description	No. Used
1		Tool – Bed Knife Screw	1

BEARING REPLACEMENT TOOL KIT NO. TOR238900



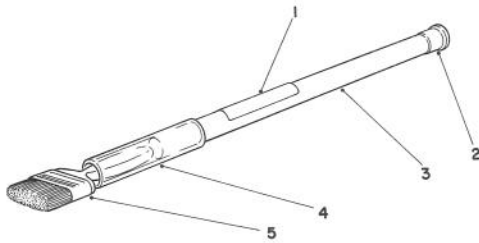
T-0730

Ref. No.	Part No.	Description	No. Used
1	23-8880	Driver – Bearing	2
2	3219-18	Nut – Hex.	1
3	23-8840	Puller – Bolt	1
4	22-6090	Washer – Thrust	1
5	23-8850	Tube – Support	1
6	23-8860	Pin – Bearing Rplcmnt.	1

Note: Special tools may be ordered from: Owatonna Tool Co. 2013 4th St. NW Owatonna, Mn 55060

SPECIAL TOOLS (Continued)

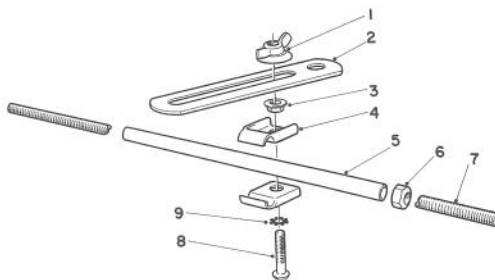
BACKLAPPING BRUSH ASSEMBLY NO. 29-9100



T-0731

Ref. No.	Part No.	Description	No. Used
1	12-9140	Decal	1
2	2410-18	Plug	1
3	29-9080	Handle	1
4	29-9090	Hose - Handle	1
5	36-4310	Brush	1

ALIGNMENT TOOL NO. TOR200120



T-0732

Ref. No.	Part No.	Description	No. Used
1	3-4808	Nut - Wing	1
2	20-0110	Bracket - Alignment	1
3	32128-20	Nut - Lock, Flange	1
4	3-6657	Clip - Skid	2
5	20-0070	Tube	1
6	3219-2	Nut - Hex.	1
7	20-0080	Rod	1
8	32122-35	Screw - Truss Hd.	1
9	3255-8	Washer - Lock. Int. Tooth	1

Note: Special tools may be ordered from: Owatonna Tool Company
2013 4th St. NW
Owatonna, Mn 55060

PART NUMBER INDEX

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-0348	Bushing - Sleeve	2 35 6	12-3599	Reel - 8 Blade	46 * 1
3-0348	Bushing - Sleeve	5 30 6	12-3599	Reel 8 Blade	68 * 1
3-0348	Bushing - Sleeve	8 31 6	12-3599	Reel Assy. 8 Blade (04408)	44 1 1
3-1506	Bushing - Flange	2 71 12	12-7009	Seal - Spool Set	20 * 1
3-2652	Bolt	59 2 2	12-7009	Seal - Spool Set	22 * 1
3-4808	Nut - Wing	71 1 1	12-8779	Reel Assy. 5 Blade (04405)	44 * 1
3-6657	Clip - Skid	71 4 2	12-9050	Pivot - Lift	2 62 1
3-6685	Spring - Compression	23 38 1	12-9140	Decal	71 1 1
3-7253	Bolt - Carriage	44 42 2	13-3659	Overhaul Kit	47 * 1
3-7253	Bolt - Carriage	47 41 2	13-3659	Overhaul Kit	69 * 1
5-0946	Key - Square	39 16 1	13-6259	Battery	23 2 1
5-1226	Washer - Shim	2 37 2	13-8199	Bar Adj. Gauge	45 * 1
5-1226	Washer - Shim	6 57 2	13-8199	Bar Adj. Gauge	46 * 1
5-1228	Washer - Shim	9 75 2	13-8199	Bar Adj. Gauge	68 * 1
5-3637	Washer - Flat	29 27 1	17-1450	Frame W.A.	58 6 1
6-1659	Switch - Glow	14 10 1	17-1510	Eye Bolt	58 14 2
8-2520	Support - Comb	47 29 1	17-1520	Counterweight	58 22 1
8-2520	Support Comb	45 49 1	17-1530	Grass Shield	58 13 1
8-2530	Comb - Urethane	45 51 1	17-1570	Shaft Hex	58 34 1
8-2530	Comb - Urethane	47 30 1	17-1580	Spacer	58 31 2
8-7710	Ball Joint Receiver Assy.	2 68 6	17-1590	Blade	58 32 37
10-4850	Spring - Compression	53 10 6	17-1600	Spacer	58 33 72
10-4870	Bracket Height-of-Cut	53 3 6	17-1610	Housing - Bearing	58 3 1
10-4880	Pin - Height-of-Cut	53 11 6	17-1620	Bushing - Wheel	58 26 4
10-4930	Bed Bar	44 3 1	17-1630	Wheel	58 25 4
10-5010	Screw - Roller Adjustment	44 34 2	17-1640	Scraper-Wheel L.H.	58 17 2
10-5010	Screw - Roller Adjustment	47 33 2	17-1650	Scraper - Wheel R.H.	58 1 2
10-5060	Bracket - Height of Cut	47 25 2	17-1710	Washer	58 15 4
10-5060	Bracket Height of Cut	44 33 2	17-2290	Gauge .060	58 * 2
10-5080	Cap-End	46 23 1	17-2300	Gauge .120	58 * 2
10-5080	End Cap	44 21 1	17-2310	Gauge .250	58 * 2
10-5100	Nut - Spline	45 56 1	17-9420	Screw - Stop, Accelerator	9 64 1
10-5100	Nut - Spline	58 2 1	18-2400	Hose - Rubber	61 8 2
10-5120	Housing - Bearing	44 26 2	18-6320	Washer - Thrust	40 12 3
10-5120	Housing - Bearing	46 4 2	19-9540	Spring - Torsion LH	57 6 1
10-5120	Housing - Bearing	68 3 2	19-9540	Spring L.H.	56 6 1
10-5140	Adj. Plate - Height-of-Cut	53 1 6	19-9550	Spring - Torsion RH	57 * 1
10-6060	Pin - Cylinder, Pivot	1 27 2	19-9550	Spring R.H.	56 * 1
10-6090	Pin - Pivot	2 60 1	19-9560	Spacer - Spring	57 5 4
10-6090	Pin - Pivot	5 41 1	19-9560	Spacer - Spring	56 5 4
10-6090	Pin - Pivot	8 37 1	20-0080	Rod	71 7 1
10-6110	Pin - Hinge	1 32 2	20-0110	Bracket - Alignment	71 2 1
10-6300	Pedal - Foot	3 91 1	20-2210	Knob Assembly	61 11 2
10-6540	Foot Pedal	1 7 2	20-4700	Pivot Pin	53 12 6
10-6820	Brake Drum Assembly	6 55 2	20-7330	Countershaft	60 9 1
10-6830	Stud - Drive	40 23 4	20-7350	Stud	60 26 2
10-6870	Hub - Wheel	5 5 2	20-7360	Key	60 23 1
10-7820	Pivot Hinge Assembly	2 34 1	20-7370	Key - Square	59 3 1
10-7820	Pivot Hinge Assembly	5 34 1	20-7380	Blade	59 7 10
10-7820	Pivot Hinge Assembly	8 34 1	20-7390	Spacer	59 6 9
10-7850	Latch - Brake, Parking	2 83 1	20-7400	Spacer	59 8 1
10-7880	Hinge - Upper, Park. Brake	3 84 1	20-7410	Gasket	60 17 1
10-7890	Hinge - Lower, Park. Brake	2 81 1	20-7420	Frame	59 36 1
10-8100	Strap - Shaft, Brake	2 55 2	20-7510	Spacer	59 35 4
10-8110	Washer - Thrust	2 36 6	20-7520	Spring	59 34 1
10-8110	Washer - Thrust	5 29 6	20-7530	Spacer	59 21 1
10-8110	Washer - Thrust	8 35 6	20-7540	Spring Tube	59 23 1
10-8140	Spring - Latch, Brake	2 82 1	20-7570	Roller Mounting Bracket	59 30 4
10-8220	Pad - Tool Box	5 23 1	20-7690	Gear 15T	60 8 1
10-8240	Foot Pad - Lift	1 9 1	20-7700	Cover Assembly	60 15 1
10-8250	Foot Pad - Mow	1 6 1	20-7720	Counter - Weight	59 14 1
10-9090	Spring - Torsion	2 64 1	20-7740	Bushing	60 16 1
11-0070	Scraper Comb Assembly	44 37 1	20-7750	Gear 16T	60 24 1
11-0070	Scraper Comb Assembly	47 31 1	20-7790	Washer	59 9 1
11-0160	Screw Assy. - Shaft, Roller	2 78 6	20-7820	Gear 45T	60 20 1
12-0460	Caplug	44 19 1	20-7850	Gear 64T	60 4 1
12-0460	Caplug	46 21 1	21-0140	Joint - Ball	41 1 1
12-2789	Reel - 11 Blade	46 28 1	21-6000	Spiker Depth Gauge	59 * 1
12-2789	Reel - 11 Blade	68 21 1	21-8430	Bearing - Rear Roller	46 19 2
12-3270	Screw - Hex. Flange Hd.	8 17 2	21-8430	Bearing - Roller, Rear	68 16 2
12-3270	Screw - Thread Forming	11 9 7	21-8430	Rear Bearing	44 10 2
12-3270	Screw - Washer Hd.	26 47 1	21-8450	Rear Roller Assembly	44 9 1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
21-8470	Shaft - Yoke, Roller	2	72	3	42-7510	Pipe	34	4	1
21-9110	Pin - Ball, Lock	59	4	1	42-7510	Pipe	34	9	1
22-6090	Washer - Thrust	70	4	1	42-7840	Key	33	17	1
23-5150	Shaft Assembly	60	13	1	42-7860	Lock	32	31	12
23-8840	Puller - Bolt	70	3	1	42-7870	Seal	32	28	6
23-8850	Tube - Support	70	5	1	42-8240	Gasket	36	6	3
23-8860	Pin - Bearing Rplcmnt.	70	6	1	42-8690	Metal - Sealing	35	34	1
23-8880	Driver - Bearing	70	1	2	42-8700	Wire	35	35	1
24-9200	Spacer - Mounting	55	3	2	42-8830	O-Ring	35	6	2
24-9220	Pivot Plate	55	8	2	42-9110	Gasket	34	21	1
24-9240	Washer	55	19	2	42-9110	Gasket - Muffler	26	22	1
24-9260	Rod - Adjustment	55	4	2	42-9260	Plug	30	12	1
24-9310	Base Plate R.H.	55	*	1	42-9420	Bolt	35	31	2
24-9320	Base Plate L.H.	55	18	1	42-9430	Bolt & Washer	34	7	1
24-9330	Pivot Arm L.H.	55	12	1	42-9430	Bolt & Washer	35	11	2
24-9340	Pivot Arm R.H.	55	*	1	42-9440	Bolt & Washer	29	24	1
24-9370	Spring - Compression	55	7	2	42-9440	Bolt & Washer	30	6	11
26-0930	Support - Lift	62	1	3	42-9440	Bolt & Washer	32	25	4
26-0940	Plate - Wear	62	4	6	42-9490	Bolt & Washer	28	11	4
26-0950	Plate Dishd	62	5	6	42-9490	Bolt & Washer	30	15	18
26-3790	Nut - Lock	5	4	2	42-9490	Bolt & Washer	33	11	2
27-1960	Hub	26	48	1	42-9510	Bolt	32	39	1
27-1970	Hub	27	50	1	42-9570	Stud	34	22	4
27-2270	Rod - Adjustment, Brake	2	54	2	42-9590	Nut	32	17	6
27-2320	Bearing - Side Flange	8	12	2	42-9640	Nut - Jam	35	9	2
27-2360	Switch - Key	14	21	1	42-9650	Nut - Jam	31	30	1
27-2380	Spacer - Mount, Filter	15	20	1	42-9660	Washer	29	4	1
27-2400	Strap - Reservoir	15	28	2	42-9660	Washer	32	36	3
27-2420	Felt - Angle	16	42	2	42-9850	Washer - Lock	26	23	4
27-2540	Spacer - Hub	9	76	1	42-9850	Washer - Lock	37	26	2
27-2550	Pin - Hinge	9	57	1	43-0370	Shim	29	5	1
27-2650	Height-of-Cut Adjustment	44	14	2	43-0510	Spring - Brush	29	14	2
27-2830	Decal - Brake, Parking	3	87	1	43-1920	Nut - Special	29	17	1
27-3030	Felt - Strap	17	78	2	43-2550	Filter	31	18	1
27-6600	Spacer	26	49	4	43-2560	Gasket	31	19	1
27-7100	Air Cleaner Assembly	38	16	1	43-2570	Gasket	31	17	1
27-7110	Element - Cleaner, Air	38	8	1	43-2580	Magnet	31	20	1
27-7120	Nut & Gasket Assembly	38	9	1	43-2710	O-Ring	34	35	2
27-7130	Clamp Assembly	38	11	2	43-2740	Gasket - Solenoid	26	21	1
27-7140	Skirt - Baffle	38	10	1	43-2750	Nut - Jam	26	19	1
27-7150	Cap Assembly	38	12	1	43-5110	Decal - TORO	11	30	2
27-7160	Decal - Instructions	38	3	1	43-5220	Ring - Retaining	10	10	1
27-7170	Band Assembly	38	15	2	43-5230	Shaft/Clevis	10	11	1
27-7180	Cap - Inlet, Air Cleaner	38	1	1	43-5920	Washer - Lock	29	28	1
28-2070	Front Bracket	61	10	1	43-5970	Nut - Hex.	29	29	1
28-3680	Tire	5	2	2	43-8520	Switch	16	62	2
29-9080	Handle	71	3	1	43-8600	Spring - Compression	23	43	1
29-9090	Hose - Handle	71	4	1	43-8610	Guide - Spring & Ball Seat	23	42	1
31-0390	Washer - Friction	12	48	4	43-8620	Guide - Pin, Switch	23	45	1
33-0630	Brush	44	41	1	43-8860	Plunger - Switch	23	44	1
33-1000	Scraper Brush Assembly	44	40	1	43-8870	Boot - Switch	23	48	1
36-4310	Brush	71	5	1	44-0870	Camshaft - Rear	8	13	1
36-4780	Washer	54	14	6	44-1070	Switch Assembly	24	*	1
36-7190	Grass Shield	44	2	1	44-2230	Coupling - Rubber	26	12	1
36-7250	Grass Basket Assembly	47	*	2	44-5560	Head - Filter, Hydraulic	16	47	1
36-7250	Grass Basket Assy.	45	*	3	47-5320	Lever - Cutting Control	8	10	1
36-7260	Cut-Off Bar	44	4	1	47-6640	Valve Flow Control	63	*	1
36-7260	Cut-Off Bar	46	38	1	47-6990	Nut - Lock	11	4	1
36-7260	Cut-Off Bar	68	27	1	48-7630	Screw - Cap, Metric	27	70	1
37-2690	Capacitor	23	35	1	48-7930	Nut	26	24	4
38-0410	Nut - Hex.	16	61	2	48-8010	Washer - Flat	27	71	1
38-0430	Switch - Neutral	23	40	1	48-8020	Washer - Lock	27	72	1
39-9600	Clamp - Mounting	14	22	1	48-9590	Washer - Lock	26	43	18
42-2680	Race R. Detent	19	46	1	49-0170	Seal Kit	13	*	1
42-4780	Scraper Mount L.H.	56	7	1	49-0300	Plug Pipe	63	13	2
42-4790	Scraper Mount R.H.	56	*	1	49-0320	Plate - Dial	63	4	1
42-4800	Bar - Scraper	57	1	1	49-0340	Spring - Metering	63	15	1
42-4800	Scraper Bar	56	1	1	49-0350	Handle	63	19	1
42-7080	Cap	33	2	2	49-0360	Screw - Thumb	63	20	1
42-7190	Bushing	31	33	1	49-0370	Spool - Metering	63	14	1
42-7210	Plug	30	16	1	49-5410	Box - Tool	5	24	1
42-7290	Gasket - Drain, Oil	30	13	2	49-5430	Rod - Control	5	21	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
49-5450	Plate - Cover	5 13 1	53-9880	Washer	23 51 1
49-5840	Support - Seat	11 40 1	53-9960	Housing Assembly	60 2 1
49-5880	Shaft - Support, Seat	11 35 1	54-0910	Decal - Warning	25 46 1
49-6070	Bracket - Lift, Pivot RH	3 93 1	54-7120	Bracket - Quick H.O.C.	54 * 3
49-6090	Lift Pivot Bracket - L.H.	1 13 1	54-7140	Pull Arm Assembly	54 15 6
49-6110	Guard - Rod, Transfer	3 94 1	54-7170	Spring - Extension	54 17 6
49-6120	Pad - Footrest	1 15 1	54-7180	Shaft-Cam	54 8 3
49-6130	Brake Shaft	1 8 1	54-7190	Cam - Quick H.O.C.	54 1 3
49-6150	Foot Pedal - Brake	1 5 1	54-7200	Cam - Quick H.O.C.	54 * 1
49-6170	Foot Pad - Brake	1 4 1	54-7240	Cam - Quick H.O.C.	54 9 2
49-6180	Shaft - Cutting Control	1 11 1	54-7250	Bracket - Quick H.O.C.	54 4 3
49-6200	Lever - Cutting Control	1 2 1	54-7300	Bolt - Bedbar	54 16 3
49-6220	Bracket - Control Arm	8 15 1	54-7310	Bolt - Bedbar	54 * 3
49-6250	Bracket - Pivot, Traction	9 55 1	54-8660	Washer	29 25 1
49-6260	Traction Pivot Tube Assy.	8 16 1	54-9510	Motor & By-Pass Assy.	52 * 3
49-6290	Shaft - Pivot, Traction	8 18 1	54-9520	Valve - By-Pass	52 4 1
49-6320	Rod - Control, Traction	8 3 1	54-9530	Fitting - 45° Swivel Elbow	49 6 1
49-6350	Shaft - Traction	9 66 1	54-9530	Fitting - 45° Swivel Elbow	50 7 2
49-6380	Rod - Accelerator	8 4 1	54-9540	Fitting - 90° Adjustable El.	49 8 1
49-6430	Pad - Pedal Reverse	8 8 1	54-9620	Coupling - Quick Disconn.	49 9 2
49-6440	Pedal - Accelerator	8 6 1	54-9620	Coupling - Quick Disconn.	50 10 2
49-6470	Pad - Pedal Forward	8 5 1	54-9620	Coupling - Quick Disconn.	51 8 2
51-0010	Decal - Traction	11 41 1	55-3577	Cap - Fuel	23 9 1
51-0050	Decal - Mow/Lift	1 10 1	55-8480	Reservoir - Hydraulic	15 29 1
51-0350	Pin - Spring, Seat	23 37 1	56-0020	Plug	31 12 1
51-0780	Slide - Seat	11 13 1	56-0020	Plug	33 21 2
51-0790	Adjuster - Seat	11 28 1	56-0020	Plug - Expansion	34 18 1
51-0880	Tool - Bed Knife Screw	69 * 1	56-0100	Plug	31 37 1
52-1570	Bolt Set	37 9 1	56-0220	Pin	31 35 2
52-1880	Adapter - Fitting, Fuel	23 52 1	56-0480	Key - Woodruff	32 18 2
52-1890	Wellnut - Rubber	23 33 1	56-0480	Key - Woodruff	33 8 1
52-1990	Piston	4 4 1	56-1060	Ring - Snap	33 15 1
52-2720	Roller Assembly	2 73 3	56-1230	Shaft - Filter, Oil	31 28 1
52-2740	Pull Arm Assembly - LH	2 70 3	56-1510	Screw - Set	37 3 1
52-2750	Pull Arm Assembly - RH	2 76 3	56-1580	Armature Set	37 23 1
52-2860	Washer	47 3 1	56-1590	Bearing - Front	37 24 1
52-2860	Washer	69 3 1	56-1600	Bearing - Rear	37 22 1
52-2890	Bushing - Flanged	47 18 4	56-1610	Bolt	37 17 1
52-2890	Bushing - Flanged	69 18 4	56-1640	Stopper Set	37 14 1
52-2900	Washer - Poly	47 4 2	56-1670	Gear	37 11 1
52-2900	Washer - Poly	69 4 2	56-1680	Cover Set	37 10 1
52-2910	Bolt - Eccentric Shoulder	47 24 1	56-1700	Brush Holder Assembly	37 19 1
52-2910	Bolt - Eccentric, LH	69 24 1	56-1710	Spring - Brush	37 20 4
52-2930	Bolt - Adjustment Shoulder	47 1 1	56-1720	Rear Bracket Assembly	37 18 1
52-2930	Bolt - Shoulder, RH	69 1 1	56-2230	Hose - Fuel	23 7 1
52-3100	Bolt - Eccentric	46 12 1	56-2520	Valve - Shutoff, Fuel	23 16 1
52-3100	Bolt - Eccentric, HOC - LH	68 10 1	56-7970	Clamp - Tube	3 88 2
52-3100	Bolt - H.O.C.	54 2 3	56-7980	Sleeve - Protective	16 68 3
52-3110	Bolt - H.O.C.	54 * 3	56-7981	Sleeve - Protective	16 71 1
52-3110	Bolt - Shoulder	46 39 1	56-7983	Sleeve - Protective	12 57 1
52-3110	Bolt - Shoulder, HOC - RH	68 28 1	56-7983	Sleeve - Protective	40 1 1
52-3120	Rear Roller Adjustment	68 14 1	56-7984	Sleeve - Protective	27 57 1
52-3120	Rear Roller Assembly	46 17 1	56-7986	Sleeve - Protective	17 74 1
52-3170	Full Front Roller Assembly	48 3 1	56-7987	Sleeve - Protective	17 75 1
52-3170	Roller Assembly	59 16 2	57-3210	Screw - Mach. Special	44 45 4
52-3180	Bearing - Front Roller	48 1 2	57-3210	Screw - Machine, Special	46 29 4
52-3180	Front Roller Bearing	59 17 4	57-4910	Screw - Special	44 8 7
52-3210	Bearing - Wiehle Roller	48 6 2	57-4910	Screw - Special	47 21 13
52-3590	Swaged Roller Assembly	48 4 1	57-4910	Screw - Special	69 22 13
52-5860	Collar - Spool	22 51 1	57-4940	Bedbar	47 20 1
52-5880	Ball - Steel	19 47 12	57-4940	Bedbar	69 20 1
52-5900	Screw - Fillister Hd.	21 37 4	57-5200	Grass Shield Assembly	46 10 1
52-9230	Ring - Retaining	13 2 1	57-5200	Grass Shield Assembly	68 9 1
52-9240	Bushing - Seal Gland	13 3 1	57-5210	Flap - Shield	46 37 1
52-9250	Needle Bearing Kit	13 * 1	57-5210	Flap - Shield	68 26 1
52-9270	Seat - Ball, Check	13 25 1	57-5260	Pivot - Bedbar	47 17 1
52-9280	Ball - Check	13 23 1	57-5260	Pivot - Bedbar	69 17 1
52-9290	Retainer - Ball, Check	13 22 1	57-6140	Clamp - Tube, Side	5 14 4
52-9350	Screw - Cap	13 19 7	57-6220	Link - Connector	16 56 5
53-8150	Pump - Fuel	23 19 1	57-6390	Nut - Hex.	37 25 2
53-8150	Pump Assembly	31 21 1	57-7650	Spring - Torsion	2 46 1
53-9250	Bracket - Mount., Scraper	57 7 2			

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
57-7650	Spring - Torsion	5 36 1	63-8750	Pin - Pivot	8 33 1
57-7650	Spring - Torsion	8 40 1	63-9510	Bushing Assy. - Rubber	69 21 1
57-9910	Screw - Pivot	46 15 2	63-9510	Rubber Bushing Assembly	47 46 2
58-3951	Steering Valve Assembly	12 51 1	65-4500	Seal - Snap Ring	7 14 1
58-5830	Hose - Hydraulic	8 29 1	65-4550	Valve - Ball, Check	7 6 2
58-6530	Decal - Oil	15 30 1	65-4560	Plug - Hex. (Hollow)	7 3 1
59-6730	Race - Bearing	13 8 2	65-4570	Seal - Square Ring	7 4 2
59-6740	Bearing - Needle, Thrust	13 9 1	65-4600	Washer - Thrust	7 19 2
59-6820	Centering Spring Kit	13 12 1	65-4610	Bearing - Thrust	7 20 1
59-6830	Centering Pin Kit	13 21 1	65-4620	O-Ring	7 12 1
59-6850	Plate - Spacer	13 15 1	65-4640	Key - Square	6 49 2
59-6890	Cap - End	13 18 1	65-4640	Key - Square	7 11 1
59-9740	Latch Assembly	25 28 2	65-4650	Nut - Slotted	7 13 1
62-2390	Bar - Lift, LH	2 47 1	65-4690	Seal/Retainer Assembly	7 * 1
62-2420	Bar - Arm, Lift	8 41 1	65-4700	Body Seal Kit	7 * 1
62-2420	Bar - RH Arm, Lift	5 37 1	65-4860	Head	4 10 1
62-2440	Lift Arm Assembly RH	5 31 1	65-5871	Tube	11 17 1
62-2460	Lift Arm Assembly - LH	2 38 1	65-5890	Cap - Tube	11 19 2
62-2500	Bed Knife - 3/16"	69 * 1	65-8600	Knob - Height Adjustment	44 12 2
62-2500	Bed Knife 3/16"	47 * 1	65-8600	Knob - Height Adjustment	47 23 2
62-2510	Bed Knife 3/16"	44 * 1	65-8600	Knob - Height Adjustment	64 4 2
62-2570	Cap - Breather	15 32 1	65-9220	Housing - Bearing	65 18 1
62-2580	Spacer (Optional)	5 * 2	65-9230	Plate - Side	65 4 1
62-2610	Screen Assembly	15 35 1	65-9270	Housing - Drive, Belt	66 41 1
62-2660	Pad - Step	1 30 1	65-9290	Pulley - Driven	66 36 1
62-5070	Decal - Warning	2 61 1	65-9300	Spacer	65 17 1
62-5070	Decal - Warning	6 50 1	65-9300	Spacer - Pulley, Driven	66 44 1
62-5070	Decal - Warning	9 60 1	65-9310	Block - Idler	66 39 1
62-5510	Bushing Assy. - Rubber	69 19 2	65-9320	Idler - Pulley	66 33 1
62-5510	Rubber Bushing Assembly	47 19 2	65-9330	Spacer	66 20 1
62-7290	Decal - Hot Surface	15 37 1	65-9340	Screw - Shoulder	66 32 1
63-3810	Hose - Assembly	16 67 1	65-9350	Adapter	65 3 1
63-3820	Hose - Assembly	16 64 1	65-9350	Adapter	66 24 1
63-3830	Hose - Assembly	16 65 1	65-9460	Roller Extension W.A. - RH	64 * 1
63-3840	Hose - Assembly	16 70 1	65-9490	Bracket - HOC	64 5 2
63-3850	Hose - Cylinder	1 25 1	65-9500	Screw - Roller Adjustment	64 10 2
63-3870	Hose - Assembly	16 66 1	65-9530	Roller Extension W.A. - LH	64 13 1
63-3880	Hose - Hydraulic	1 20 1	65-9550	Cap	66 10 2
63-3890	Hose - Cylinder	1 26 1	65-9560	Adj. Knob Assembly	66 7 2
63-3950	Hose - Hydraulic	1 19 1	65-9580	Spring	66 6 2
63-3980	Tube - Interconnect, Tract.	15 15 1	65-9610	Adapter	67 3 1
63-4020	Tube - Hydraulic	42 2 1	65-9630	Pulley - Driver	67 7 1
63-4030	Tube - Hydraulic	42 3 1	65-9640	Disc - Release, Clutch	67 10 1
63-4040	Tube - Hydraulic	42 1 1	65-9650	Screw - Special	67 11 1
63-4050	Fitting - Traction, Upper	15 12 1	65-9660	Pin - Clutch	67 5 1
63-4060	Tube Assembly	15 10 1	65-9670	Driver	66 5 2
63-7140	Mount - Shock	26 38 4	65-9670	Spring - Compression	67 6 1
63-7380	Tank - Reserve	25 34 1	65-9680	Knob - Clutch	67 14 1
63-7400	Washer - Rebound	26 37 4	65-9700	Belt	66 35 1
63-7430	Gauge - Temperature	14 3 1	65-9710	Cover - Belt	66 30 1
63-7440	Solenoid - Stop	26 16 1	65-9810	Spring	66 15 2
63-7590	Relay - SPDT	24 55 2	65-9820	Spacer	65 13 2
63-7622	Hose - Fuel	23 18 2	65-9820	Spacer	66 19 2
63-7623	Hose - Fuel	23 49 1	65-9830	Ramp	66 11 2
63-7790	Screw	26 42 18	65-9850	Washer (RH Side)	66 * 1
63-8280	Head Assembly	23 29 1	65-9860	Bearing	65 5 1
63-8290	Fitting - Vent	23 30 1	65-9860	Bearing	66 18 1
63-8300	Element - Filter	23 31 1	65-9890	Bolt - Carriage	66 31 1
63-8310	Fitting - Drain	23 32 1	65-9900	Seal - Felt	67 2 1
63-8360	Key	14 4 1	65-9930	Cap	66 2 1
63-8440	Decal - Hot Surface	25 44 1	65-9940	Spring	66 1 1
63-8470	Bed Knife - 1/8"	69 * 1	65-9950	Plate - Caution	66 14 1
63-8470	Bed Knife 1/8"	47 22 1	65-9960	Screw - Pivot	65 7 2
63-8500	Bed Knife 1/8"	44 7 1	65-9970	Stud	65 2 2
63-8550	Bed Knife - Tournament	44 * 1	65-9980	Spacer - Pulley, Idler	66 34 1
63-8560	Bed Knife - Tournament	47 * 1	66-1660	Spool - Lever Side	63 17 1
63-8560	Bed Knife - Tournament	69 23 1	66-2490	Retainer - Battery	24 60 2
63-8600	Bed Knife - Fairway	69 * 1	66-2950	Hour Meter	14 1 1
63-8600	Bedknife - Fairway	47 * 1	66-2960	Light - Cluster, Warning	14 33 1
63-8610	Bed Knife - Fairway	44 * 1	66-3240	Cap - Radiator	25 6 1
63-8750	Pin - Pivot	2 45 1	66-5292	Motor - Hydraulic	6 48 2
63-8750	Pin - Pivot	5 42 1	66-7220	Arm - Spring	47 11 1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
66-7220	Arm - Spring	69 11 1	67-2780	Washer	34 13 2
66-7230	Spring - Compression	47 45 1	67-2860	Bolt	32 12 6
66-7230	Spring - Compression	69 25 1	67-2880	Bearing Set - Std.	32 8 1
66-7240	Screw - Pivot SPA	47 5 2	67-2890	Bearing Set - 0.25 U.	32 * 1
66-7240	Screw - Pivot, SPA	69 5 2	67-2900	Bearing Set - 0.50 U.	32 * 1
66-8800	Relay - Glow	24 53 1	67-2910	Gear	32 7 1
67-1690	Fitting	23 20 2	67-2920	Crankshaft	32 16 1
67-1700	Decal - Fluid, Starting	38 2 1	67-2940	Nut - Jam	32 22 1
67-2140	Bolt - Flange	34 15 3	67-2950	Washer	32 20 1
67-2200	Seal	33 4 4	67-2960	Washer - Lock	32 21 1
67-2210	Plug	31 36 3	67-2970	Flywheel Assembly	32 13 1
67-2220	Guide	31 8 1	67-2980	Gear - Ring	32 15 1
67-2230	Seal - Oil	31 14 1	67-2990	Bolt	32 14 4
67-2250	Bolt	33 5 8	67-3000	Washer	33 10 2
67-2260	Shaft - Idler	31 34 1	67-3010	Camshaft	33 7 1
67-2270	Case	31 15 1	67-3020	Gear	33 12 1
67-2280	Gasket	31 13 1	67-3030	Bearing	33 9 2
67-2290	Cover	31 10 1	67-3040	Plate	33 14 1
67-2300	Gasket	31 9 1	67-3040	Ring - Snap	32 3 2
67-2310	Plate	30 4 1	67-3050	Bearing	33 19 1
67-2320	Gasket - Plate	30 5 1	67-3060	Shaft	33 18 1
67-2330	Bolt	28 4 2	67-3070	Gear	33 16 1
67-2330	Bolt	31 16 6	67-3080	Ring - Snap	33 20 1
67-2330	Bolt	34 33 4	67-3090	Gear Assembly	33 13 1
67-2330	Bolt	34 46 2	67-3100	Retainer	32 30 6
67-2340	Bolt & Washer	30 3 3	67-3110	Spring	32 29 6
67-2340	Bolt & Washer	31 11 2	67-3120	Tappet	32 6 6
67-2340	Bolt & Washer	34 17 2	67-3130	Valve - Intake	32 26 3
67-2350	Plug	31 25 1	67-3140	Valve - Exhaust	32 27 3
67-2360	Bushing	31 26 2	67-3150	Rod - Push	32 5 6
67-2370	Bushing	31 32 1	67-3160	Arm - Rocker	32 1 6
67-2380	Bushing	31 27 3	67-3170	Spring	32 37 2
67-2390	Plug	31 24 1	67-3180	Cap	32 32 6
67-2400	Bearing Set - Std.	33 3 1	67-3190	Rocker Shaft Assembly	32 35 1
67-2410	Bearing Set - 0.25	33 * 1	67-3200	Stay - Rocker	32 33 3
67-2420	Bearing Set - 0.50	33 * 1	67-3210	Screw - Adjusting	32 4 6
67-2440	Bolt & Washer	31 23 9	67-3220	Pin	32 34 1
67-2450	Dipstick	31 5 1	67-3230	Nut - Jam	32 2 6
67-2460	Bolt	31 29 4	67-3250	Bolt - Stay Rocker	32 40 2
67-2470	Oil Pan Assembly	30 11 1	67-3260	Washer	29 3 1
67-2480	Gasket - Pan, Oil	30 14 1	67-3260	Washer	32 38 3
67-2490	Crankcase Sub-Assembly	30 1 1	67-3260	Washer	35 8 2
67-2500	Plunger	30 22 1	67-3280	Shim - 0.2	31 38 1
67-2510	Spring	30 23 1	67-3290	Shim - 0.3	31 * 1
67-2520	Plug	30 24 1	67-3300	Shim - 0.4	31 * 1
67-2530	Gear - Inner	30 10 1	67-3310	Shim - 0.5	31 * 1
67-2540	Gear - Outer	30 9 1	67-3320	Shim - 0.6	31 * 1
67-2550	Housing - Pump, Oil	30 8 1	67-3330	Shim - 0.7	31 * 1
67-2560	Bolt & Washer	30 7 3	67-3340	Shim - 0.8	31 * 1
67-2570	Plug	30 25 1	67-3350	Shim - 0.9	31 * 1
67-2570	Plug - Taper	34 19 1	67-3360	Shim - 1.0	31 * 1
67-2580	Gasket - Case	30 2 1	67-3370	Bolt & Washer	31 39 4
67-2590	Seal - Oil	30 20 1	67-3380	Nozzle & Holder Assembly	31 6 1
67-2600	Bolt	28 6 1	67-3380	Nozzle & Holder Assembly	36 * 3
67-2600	Bolt	30 18 3	67-3390	Gasket	31 7 3
67-2610	Bolt	28 10 2	67-3400	Pipe Assembly No.1	31 42 1
67-2610	Bolt	30 19 4	67-3410	Pipe Assembly No.2	31 43 1
67-2620	Bolt	30 21 1	67-3420	Pipe Assembly No. 3	31 1 1
67-2630	O-Ring	30 17 2	67-3430	Nut	31 2 3
67-2640	Cap	30 26 1	67-3440	Gasket	31 4 3
67-2650	Oil Fill Cap Assembly	30 28 1	67-3460	Housing - Pump	36 9 1
67-2650	Oil Filler Cap Assembly	34 11 1	67-3470	Holder - Delivery Valve	36 3 3
67-2660	O-Ring	30 27 1	67-3480	O-Ring	36 4 3
67-2660	O-Ring	34 10 1	67-3490	Spring	36 5 3
67-2670	Hose - Breather	34 8 1	67-3520	Sleeve	36 10 3
67-2680	Hanger - Engine	34 16 2	67-3530	Seat	36 11 3
67-2700	Guide - Valve	34 41 6	67-3540	Spring	36 12 3
67-2710	Cap - Sealing	34 40 3	67-3550	Seat	36 13 3
67-2730	Bolt	34 42 8	67-3560	Plate - Shim 1.85	36 14 1
67-2750	Cover Assembly	34 6 1	67-3570	Plate - Shim 1.9	36 * 1
67-2760	Gasket	34 14 1	67-3580	Plate - Shim 1.95	36 * 1
67-2770	Nut - Cap	34 12 2	67-3590	Plate - Shim 2.0	36 * 1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
67-3600	Plate - Shim 2.05	36 * 1	67-4350	Switch Assy. - Press. Oil	28 9 1
67-3610	Plate - Shim 2.1	36 * 1	67-4370	Pulley	28 2 1
67-3620	Plate - Shim 2.15	36 * 1	67-4390	Gasket	28 8 1
67-3630	Plate - Shim 2.2	36 * 1	67-4400	Bolt	28 5 1
67-3640	Plate - Shim 2.25	36 * 1	67-4400	Bolt	34 1 2
67-3650	Plate - Shim 2.3	36 * 1	67-4410	Belt - V	28 3 1
67-3660	Plate - Shim 2.35	36 * 1	67-4420	Fitting - Outlet, Water	34 45 1
67-3670	Plate - Shim 2.4	36 * 1	67-4430	Gasket - Outlet, Water	34 44 1
67-3680	Plate - Shim 2.45	36 * 1	67-4450	Fitting - Thermostat	34 31 1
67-3690	Plate - Shim 2.5	36 * 1	67-4460	Gasket - Fitting, Thermostat	34 30 1
67-3700	Tappet Assembly	36 15 3	67-4470	Bolt	34 32 1
67-3710	Screw - Bleed, Air	36 24 1	67-4480	Pipe - By-Pass	34 36 1
67-3720	Washer	36 23 1	67-4490	Gasket	34 29 1
67-3730	Screw	36 22 1	67-4500	Switch - Thermal	34 28 1
67-3740	Nipple	36 21 1	67-4510	Nut - Gauge, Temp.	34 34 1
67-3750	Washer	36 20 2	67-4520	Pipe	34 2 1
67-3760	Plate - Lock	36 2 3	67-4530	Cover - Intake	34 5 1
67-3770	Screw & Washer	36 1 3	67-4540	O-Ring	34 3 1
67-3780	Rack Assembly	36 19 1	67-4550	Gasket - Manifold, Intake	34 43 1
67-3790	Screw	36 17 2	67-4570	Gasket - Manifold, Exhaust	34 25 1
67-3800	Bracket	36 18 1	67-4590	Bolt	34 23 6
67-3810	Pin	36 16 3	67-4610	Bolt & Washer	37 2 2
67-3820	Body	36 32 3	67-4620	Spacer	29 21 1
67-3830	Washer - 1.25	36 31 1	67-4630	Alternator Assembly	29 1 1
67-3840	Washer - 1.3	36 * 1	67-4640	Bolt	29 22 1
67-3850	Washer - 1.35	36 * 1	67-4650	Brace	29 23 1
67-3860	Washer - 1.4	36 * 1	67-4660	Bolt - Flange	29 26 1
67-3870	Washer - 1.45	36 * 1	67-4670	Nut	29 2 1
67-3880	Washer - 1.5	36 * 1	67-4680	Plug - Glow	34 38 3
67-3890	Washer - 1.55	36 * 1	67-4690	Plate - Plug, Glow	34 39 1
67-3900	Washer - 1.6	36 * 1	67-4700	Indicator - Glow	24 56 1
67-3910	Washer - 1.65	36 * 1	67-4700	Lamp - Glow	34 26 1
67-3920	Washer - 1.7	36 * 1	67-4720	Lever Assembly	37 5 1
67-3930	Spring	36 30 3	67-4730	Spring Set	37 6 1
67-3940	Pin	36 29 3	67-4750	Switch Assembly	37 8 1
67-3950	Piece	36 28 3	67-4760	Shaft Assembly	37 16 1
67-3960	Nozzle Assembly	36 27 3	67-4770	Pinion Set	37 15 1
67-3970	Nut	36 25 3	67-4780	Gear Set	37 13 1
67-3980	Gasket	36 26 3	67-4790	Shaft Assembly	37 12 1
67-3990	Speed Control Lever Assy.	351 1	67-4800	Yoke Assembly	37 21 1
67-4000	Pin	35 2 2	67-4810	Pulley Set	29 16 1
67-4010	Stopper	35 13 1	67-4820	Bolt Set	29 20 1
67-4020	Lever - Spring, Governor	35 7 1	67-4830	Front Bracket Assembly	29 15 1
67-4030	Rod - Tie	35 21 1	67-4840	Screw - Set	29 18 1
67-4040	Weight Assembly	35 12 1	67-4850	Bearing - Front	29 19 1
67-4050	Shaft	35 17 1	67-4860	Rotor Assembly	29 7 1
67-4060	Governor Lever Assembly	35 16 1	67-4870	Bearing - Rear	29 6 1
67-4070	Sliding Shaft Assembly	35 14 1	67-4880	Stator Assembly	29 10 1
67-4080	Clip	35 22 1	67-4890	Rear Bracket Assembly	29 9 1
67-4090	Tension Lever Assembly	35 19 1	67-4900	Terminal Set	29 11 1
67-4110	Cover Assembly	35 * 1	67-4910	Regulator Assembly	29 12 1
67-4120	Pin	35 33 1	67-4920	Brush	29 13 2
67-4130	Cover - Governor	35 4 1	67-4930	Rectifier Assembly	29 8 1
67-4140	Lever - Stop Assembly	35 10 1	67-5040	Spring	35 18 1
67-4150	Lever - Stop	35 36 1	67-5050	Thermostat	34 37 1
67-4160	Gasket	35 5 1	67-5100	Bushing	26 27 1
67-4170	Spring Set	35 * 1	67-5110	Bolt	26 26 1
67-4180	Nut	35 29 1	67-5120	Washer - Spring	26 28 1
67-4190	Spring - Torque	35 26 1	67-5130	Washer - Flat	26 29 1
67-4200	Nut - Special	35 28 1	67-5140	Washer - Serrated	26 30 1
67-4210	Case - Torque Spring	35 24 1	67-5150	Nut	26 31 1
67-4220	Screw - Adjusting	35 27 1	67-6500	Valve	36 7 3
67-4230	Stopper	35 25 1	67-7130	Diode - Inline	43 3 1
67-4240	Cap	35 30 2	67-7490	Key	26 15 1
67-4250	Cover	32 24 1	68-4680	Shield - Valve Cover, RH	11 42 1
67-4260	Spring	35 23 1	68-4690	Shield - Valve Cover, LH	11 31 1
67-4270	Bolt	35 3 4	68-4700	Arm - Steering	12 63 1
67-4280	Bolt & Washer	35 15 1	68-4770	Cylinder - Steering, Hyd.	40 31 1
67-4290	Nut	35 32 2	68-4770	Hydraulic Steering Cylinder	41 * 1
67-4310	Gasket	32 23 1	68-4780	Head - Cylinder	41 10 1
67-4330	Oil Filter Assembly	31 40 1	68-4790	Piston - Cylinder	41 7 1
67-4340	Screen Assembly	31 31 1	68-4800	Shaft - Cylinder	41 9 1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
68-4810	Ring - Retaining	41 11 1	69-4780	Clamp Hose	14 30 1
68-4820	Barrel	41 3 1	70-1100	Frame - Reel	45 55 1
68-4830	Cylinder Repair Kit	41 * 1	70-1170	Blade (41 Blade Reel)	65 10 41
68-4840	Hose	25 38 1	70-1200	Frame - Reel	46 8 1
68-4850	Hose - Upper	25 1 1	70-1200	Frame - Reel	68 7 1
68-4860	Hood - Radiator	25 19 1	70-1350	Spacer (41 Blade Reel)	65 9 84
68-4920	Hub - P.T.O.	26 45 1	70-2770	Head	10 8
68-4930	Mount - Pump	26 7 1	70-2780	Piston	10 4 1
68-4940	Pump - Gear	26 2 1	70-7120	Tube - Hydraulic	42 4 1
68-4950	Engine Assembly	26 20 1	70-7130	Tube - Hydraulic	42 5 1
68-4960	Plate - Flywheel	26 8 1	70-7150	Hose - Hyd. Lower, LH	5 * 1
68-4990	Bracket - Engine, RH	26 40 1	70-7170	Hose - Hyd. Lower, RH	5 19 1
68-5050	Bracket - Engine, LH	26 * 1	70-7470	Block - Mounting (Modified)	66 12 2
68-5080	Muffler - Exhaust	26 25 1	70-8120	Decal- Panel, Instrument	14 9 1
68-5090	Support - Cable, Throttle	26 44 1	70-8130	Barrel	10 1 1
68-5100	Rod - Seat	11 27 1	70-8140	Body & Bearing Assembly	7 9 1
68-5120	Cover - Valve, Steering	11 8 1	70-8150	Plate - Valve	7 7 1
68-5130	Wheel - Steering	12 67 1	70-8160	Screw - Cap, Hex. Hd.	7 1 8
68-5140	Cap - Steering Wheel	11 2 1	70-8170	Ring - Snap	7 21 1
68-5150	Joint - Ball	41 13 1	70-8180	IGR Assembly	7 5 1
68-5170	Column - Steering	11 5 1	70-8190	Shaft	7 10 1
68-5180	Shroud - Radiator	25 40 1	70-8200	Socket - Light	14 32 4
68-5190	Wire Harness Assembly	43 * 1	70-8220	Cable - Ground	26 39 1
68-5210	Breaker - Circuit, 15A	14 14 1	70-8240	Control Parts Assembly	13 * 1
68-5230	Radiator	25 9 1	70-8250	Drive	13 16 1
68-5240	Strip - Foam	25 10 2	70-8320	Gerotor	13 17 1
68-5241	Strip - Foam	25 11 2	70-8330	Fork - Caster	40 15 1
68-5260	Orifice - Manifold Drain	15 2 1	70-8370	Bolt - Wheel, Castor	40 16 1
68-5290	Washer - Arm, Steering	12 49 1	70-8400	Fender - Rear	40 28 1
68-5300	Lever - Arm, Lock	11 12 1	70-8445	Sleeve - Protective	12 59 1
68-5310	Clip - Seat	11 36 1	70-8445	Sleeve - Protective	27 60 1
68-5370	Decal - Steering Wheel	11 1 1	70-8446	Sleeve - Protective	12 62 1
68-5380	Center Lift Arm Assembly	8 32 1	70-8450	Sleeve - Protective	27 59 3
68-5420	Hub - Locking	11 46 1	70-8470	Screw	26 17 1
68-5430	Plate - Wear	12 47 2	70-8490	Spacer	40 22 2
68-5440	Spacer - Arm, Pivot RH	11 43 1	70-8500	Tire	40 25 1
68-5450	Spacer - Arm, Pivot LH	11 10 1	70-8510	Tubing - Convolved	24 63 1
68-5460	Cabe - Battery, Negative	43 2 1	70-8530	Wire - Pump, Fuel	24 65 1
68-5460	Cable - Battery, Positive	23 1 1	70-8530	Wire Assembly	31 44 1
68-5470	Hose	25 35 1	70-8550	Spark Arrester (Optional)	27 * 1
68-5480	Plate - Arm, Steering	11 7 1	70-8570	Breaker - Circuit	43 4 1
68-5500	Cable - Battery, Negative	23 3 1	70-8600	Hose - Hyd. Upper, RH	5 18 1
68-5500	Cable - Battery, Positive	43 1 1	70-8610	Hose - Hyd. Upper, LH	5 * 1
68-5510	Base - Tank, Fuel	23 15 1	70-8650	Block - Sub-Assembly	33 1 1
68-5560	Pin - Cylinder	8 27 1	70-8660	Cylinder Head Assembly	34 27 1
68-5630	Panel - Instrument	14 8 1	70-8670	Gasket - Head, Cylinder	34 24 1
68-5640	Bracket - Tank, Reserve	25 32 1	70-8680	Pulley - Crankshaft	32 19 1
68-5650	Support - Radiator, Front	25 36 1	70-8690	Pump Assembly	31 41 1
68-5660	Support - Radiator, Rear	25 12 1	70-8690	Pump Assembly	36 * 1
68-5670	Grille	25 24 1	70-8700	Pipe - Return, Fuel	31 3 1
68-5680	Plate - Electrical	24 57 1	70-8710	Element	36 8 3
68-5710	Hose - Assembly	27 64 1	70-8720	Spring - Tie Rod	35 20 1
68-5740	Hose Assembly	12 60 1	70-8730	Fan	28 1 1
68-5750	Hose - Hydraulic	40 3 1	70-8740	Pump Assembly	28 7 1
68-5750	Hose Assembly	12 56 1	70-8750	Manifold - Exhaust	34 20 1
68-5760	Hose - Hydraulic	40 5 1	70-8760	Starter Assembly	37 1 1
68-5760	Hose Assembly	12 61 1	70-8770	Front Basket Assembly	37 4 1
68-5770	Hose - Assembly	27 63 1	70-8780	Center Bracket Assembly	37 7 1
68-5790	Hose - Hydraulic (Return)	63 12 1	70-8790	GASKet Kit	30 * 1
68-5800	Hose - Hydraulic	63 23 1	70-8800	Piston Ring Set - Std.	32 11 1
68-5810	Hose - Assembly	27 56 1	70-8810	Piston Ring Set - 0.25 U.	32 * 1
68-5820	Hose - Hyd. (Pressure)	63 5 1	70-8820	Piston Ring Set - 0.50 U.	32 * 1
68-5840	Hose - Assembly	27 62 1	70-8830	Piston & Pin Set - Std.	32 10 1
68-5840	Hose Assembly	12 55 1	70-8840	Piston & Pin Set - 0.25 U.	32 * 1
68-5850	Hose - Assembly	27 61 1	70-8850	Piston & Pin Set - 0.50 U.	32 * 1
68-5860	Hose - Inlet, Pump LH	16 44 1	70-8860	Connecting Rod Assembly	32 9 3
68-5870	Hose - Inlet, Pump RH	16 45 1	70-8890	Housing - Flywheel	31 22 1
68-5880	Hose - Inlet, Filter	16 55 1	70-9800	Motor - Reel	16 50 3
68-5890	Hose - Return, Filter	15 25 1	70-9840	Shoe & Lining Assembly	5 7 4
68-5900	Hose - Cleaner, Air	38 6 1	70-9850	Clip	6 51 2
68-5930	Handle - Traction	8 21 1	70-9860	Cam - Brake	6 53 2
68-9931	Control Throttle	14 18 1	70-9870	Plate - Support, Brake	6 52 2

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
70-9880	Spring - Extension	6 54 4	217-74	Wheel Bolt	44 28 2
70-9940	Hose Assembly - Pressure	50 3 1	218-446	Nut	14 5 1
70-9940	Hose Assembly - Pressure	51 3 1	218-447	Washer - Lock	14 6 1
70-9950	Hose Assembly - Return	49 10 1	218-461	Nut - Jam	23 47 2
70-9950	Hose Assembly - Return	50 2 1	218-473	Boot - Switch	14 12 1
70-9950	Hose Assembly - Return	51 2 1	218-497	Nut	14 11 1
70-9960	Hose Assembly - Pressure	49 1 1	218-515	Bracket - Mounting	14 25 1
71-0990	Orifice - One Way	17 77 1	219-17	Bulb - Light	14 * 4
71-1510	Arm - Brake	2 33 1	231-124	Tire - Treaded (Optional)	5 * 2
71-1510	Lever - Brake	5 27 1	232-24	Stem - Valve	40 26 1
71-1520	Cap - Tank, Reserve	25 43 1	232-24	Valve Stem & Cap	6 56 2
71-1550	Wheeler Roller Assembly	48 5 1	232-37	Tube - Inner (Optional)	5 * 2
72-3850	Seal - Ring	16 49 1	233-28	Knob	53 8 6
72-4380	Seal Kit	18 * 1	233-48	Knob	8 20 1
72-4390	Repair Kit	18 * 1	233-50	Knob - Throttle	14 7 1
72-6140	Shield - Heat, Alternator	34 47 1	237-7	O-Ring	23 46 1
72-9870	Cable	25 17 1	237-21	O-Ring	1 18 1
74-3490	Decal - Traction Control	63 1 1	237-21	O-Ring	15 11 8
74-3570	Element - Filter	16 48 1	237-21	O-Ring	55 10 2
74-3730	Spacer - Cylinder	1 24 2	237-22	O-Ring	15 9 3
74-3830	Hose - Assembly	16 72 1	237-22	O-Ring	27 68 3
74-3860	Decal - Greensmaster	3 85 1	237-22	O-Ring	50 11 1
75-9190	Seat Assembly	12 * 1	237-22	O-Ring	51 9 1
75-9380	Decal - Caution	12 64 1	237-22	O-Ring	60 10 1
75-9440	Hub Assembly	40 24 1	237-30	O-Ring	15 6 7
75-9490	Plate - Footrest	9 73 1	237-30	O-Ring	23 41 1
75-9540	Screw - Set, Soc. Hd.	67 1 1	237-30	O-Ring	27 55 1
75-9600	Frame	8 26 1	237-30	Seal - O-Ring	63 22 6
75-9610	Spacer	25 47 1	237-35	O-Ring	8 47 2
75-9630	Brace	25 48 1	237-35	O-Ring	12 54 4
75-9720	Cushion - Seat	11 24 1	237-35	O-Ring	27 65 1
75-9810	Backrest	11 16 1	237-35	O-Ring	40 4 2
75-9980	Shaft	65 11 1	237-42	O-Ring	12 52 4
76-1720	Gasket	17 79 1	237-42	O-Ring	15 3 11
76-1850	Clevis	4 14 1	237-42	O-Ring	27 66 4
76-1860	Shaft	4 7 1	237-42	O-Ring	49 2 6
76-2810	Valve - Needle	17 81 1	237-42	O-Ring	50 1 6
76-4380	Tank - Fuel, Diesel	23 4 1	237-42	O-Ring	51 1 6
76-4420	Hose - Fuel	24 67 1	237-54	O-Ring	19 6 8
76-4430	Fitting - Fuel	24 68 1	237-54	O-Ring	21 3 6
76-8750	Plate - Warning	25 4 1	237-54	O-Ring	61 6 2
77-0300	Handle Assembly	47 12 1	237-54	Seal - O-Ring	63 16 2
77-0300	Handle Assembly	69 12 1	237-58	O-Ring	16 73 1
77-0330	Pivot - Single Point Adj.	69 7 1	237-65	O-Ring	5 17 4
77-0330	Pivot - Single Point Adj.	47 7 1	237-65	O-Ring	17 76 6
77-0340	Nut - Spline	46 1 1	237-78	O-Ring	1 16 4
77-0350	Retainer - Bearing	47 8 2	237-78	O-Ring	8 46 2
77-0350	Washer - Thrust, Nylon	69 8 2	237-78	O-Ring	40 7 2
77-0490	Decal - Bolt, Eccentric	47 47 1	237-79	O-Ring	15 8 8
77-0490	Decal - Bolt, Eccentric	69 26 1	237-80	O-Ring	5 16 4
77-0560	Nut - Splined	65 6 1	237-80	O-Ring	15 4 3
77-1060	Bracket - Height of Cut	46 7 1	237-80	O-Ring	27 53 1
77-1060	HOC Adjustment - RH	68 6 1	237-80	Seal - O-Ring	63 7 4
77-1080	Bracket - Height of Cut	46 16 1	237-81	O-Ring	15 1 1
77-1080	HOC Adjustment - LH	68 13 1	237-84	Grommet	46 14 2
80-3330	Gasket	38 17 1	237-84	Grommet	68 12 2
83-0090	Frame - Pull, LH	2 79 1	237-90	Grommet	59 1 2
83-0210	Frame - Pull, RH	5 38 1	237-101	O-Ring	15 24 2
83-0210	Frame - Pull, Rear	9 61 1	237-124	Grommet	23 34 1
83-6730	Decal - Coolant, Engine	25 7 1	237-136	Grommet	23 12 4
83-7230	Cylinder - Lift, Rear	8 45 1	237-142	O-Ring	49 4 2
83-7250	Seal Repair Kit	4 * 1	237-142	O-Ring	50 5 2
83-7250	Seal Repair Kit	10 * 1	237-142	O-Ring	51 5 2
84-2000	Bracket - Brake	5 11 4	237-156	O-Ring	52 28 2
84-2200	Control Valve Assembly	16 57 1	242-50	Nut - Lock	40 27 4
84-2200	Control Valve Assembly	22 * 1	242-50	Nut - Wheel	5 1 8
84-7880	Fitting - Hydraulic	16 54 1	242-86	Rim	40 17 1
84-8260	Hose - Hydraulic	8 48 1	2410-18	Plug	71 2 1
84-8290	Hydraulic Cylinder Assy.	1 21 2	2410-34	Plug	60 22 1
85-6540	Stud - Drive Type	5 6 8	2410-66	Cap - Vinyl	16 41 1
85-6560	Pin - Pivot, Hood	25 23 1	2410-68	Cover - Pin	66 8 2
217-60	Rim	5 3 2	2411-7	Ball Stud	44 36 2

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
2411-7	Ball Stud	47 34 2	283-57	Pin - Clevis	8 14 1
2411-7	Ball Stud	58 23 2	284-3	Plug - Expansion	66 4 2
2411-7	Ball Stud	59 25 2	302-2	Fitting - Grease	4 1 2
2411-7	Stud - Ball	64 8 2	302-2	Fitting - Grease	8 44 1
2411-32	Joint - Ball	8 1 2	302-5	Fitting - Grease	2 63 13
2412-3	Clamp	25 2 4	302-5	Fitting - Grease	8 25 1
2412-3	Clamp - Hose	15 26 8	302-5	Fitting - Grease	40 18 1
2412-31	Clip - Cable	26 46 1	302-5	Fitting - Grease	44 11 3
2412-36	Clamp - Hose	23 8 2	302-5	Fitting - Grease	46 18 3
2412-39	Clamp	27 69 1	302-5	Fitting - Grease	48 2 2
2412-41	Clamp	25 41 1	302-5	Fitting - Grease	55 13 2
2412-41	Clamp - R	9 70 2	302-5	Fitting - Grease	59 18 4
2412-42	Clamp - Hose	38 5 2	302-5	Fitting - Grease	65 19 1
2412-45	Hose Clamp	61 9 4	302-5	Fitting - Grease	68 15 2
2412-74	Clamp-R	23 36 1	302-5	Fitting - Grease	58 27 4
2412-89	Clamp-R	23 22 1	302-11	Fitting - Grease	9 58 1
2412-102	Clamp-R	11 18 2	302-11	Fitting - Grease	66 43 1
2412-108	Clamp - Gear, Worm	25 5 2	302-11	Fitting - Grease	68 20 1
2412-108	Clamp - Hose	23 17 8	302-18	Fitting - Grease	47 16 1
251-77	Lock Collar	58 5 2	302-18	Fitting - Grease	53 9 6
251-141	Bearing - Ball	2 74 6	302-18	Fitting - Grease	69 16 1
251-206	Bearing	58 4 1	302-22	Fitting - Grease	55 9 2
251-247	Bearing Assembly	59 11 1	302-40	Fitting - Grease	46 27 1
251-247	Housing - Bearing	58 20 1	302-40	Fitting - Grease	44 27 1
251-327	Bearing	66 40 2	302-60	Fitting - Grease	1 22 4
251-327	Bearing - Ball	65 16 2	302-60	Fitting - Grease	5 35 1
251-327	Bearing - Roller	67 8 1	302-60	Fitting - Grease	8 36 1
251-328	Bearing	66 21 2	304-46	Cock - Drain, Radiator	25 39 1
252-110	Bearing - Needle	67 4 1	304-61	Clamp	16 60 1
253-61	Seal	44 22 1	321-2	Screw - Cap, Hex. Hd.	62 2 36
253-61	Seal	46 24 1	321-3	Screw - Cap, Hex. Hd.	57 2 4
253-96	Oil Seal	44 43 2	321-3	Screw - Cap, Hex. Hd.	9 69 1
253-96	Seal	46 26 2	321-3	Screw - Cap, Hex. Hd.	11 37 1
253-96	Seal	68 19 2	321-3	Screw - Cap, Hex. Hd.	16 46 2
253-111	Seal - Bearing	40 21 2	321-3	Screw - Cap, Hex. Hd.	53 7 6
253-130	Seal	60 14 1	321-3	Screw - Cap, Hex. Hd.	56 2 8
253-131	Seal	60 1 1	321-4	Screw - Cap, Hex. Hd.	47 37 2
254-61	Cup - Bearing	40 10 2	321-4	Screw - Cap, Hex. Hd.	23 6 4
254-70	Cone - Bearing	40 11 2	321-4	Screw - Cap, Hex. Hd.	45 58 2
254-72	Cup - Bearing	44 25 2	321-4	Screw - Cap, Hex. Hd.	59 26 4
254-72	Cup - Bearing	46 3 2	321-4	Screw - Cap, Hex. Hd.	64 12 2
254-72	Cup - Bearing	68 2 2	321-5	Screw - Cap, Hex. Hd.	46 35 2
254-78	Cone - Bearing	40 20 2	321-5	Screw - Cap, Hex. Hd.	5 8 8
254-79	Cup - Bearing	40 19 2	321-5	Screw - Cap, Hex. Hd.	44 6 2
254-94	Cone - Bearing	44 24 2	321-5	Screw - Cap, Hex. Hd.	68 24 2
254-94	Cone - Bearing	46 2 2	321-6	Screw - Cap, Hex. Hd.	25 20 1
254-94	Cone - Bearing	68 1 2	321-10	Screw - Cap, Hex. Hd.	61 12 2
256-2	Bushing - Sleeve	9 56 2	321-23	Screw - Cap, Hex. Hd.	3 92 1
256-27	Bushing	60 18 1	321-33	Screw - Cap Hex Hd.	63 2 2
256-32	Bushing - Sleeve	2 56 2	322-1	Screw - Cap, Hex. Hd.	1 29 5
256-115	Washer - Thrust	60 3 2	322-1	Screw - Cap, Hex. Hd.	5 39 1
256-116	Bushing	55 17 4	322-1	Screw - Cap, Hex. Hd.	8 39 2
256-117	Bushing	60 19 1	322-2	Screw - Cap, Hex. Hd.	11 22 2
256-155	Bushing - Flange	9 62 2	322-2	Screw - Cap, Hex. Hd.	15 23 2
256-155	Bushing - Flange	54 7 12	322-2	Screw - Cap, Hex. Hd.	38 14 4
256-219	Bushing	11 39 2	322-2	Screw - Cap, Hex. Hd.	55 1 2
256-239	Bearing	57 4 2	322-2	Screw - Cap, Hex. Hd.	64 15 4
256-239	Bearing	56 4 2	322-3	Screw - Cap, Hex. Hd.	8 28 1
256-243	Bushing	60 7 2	322-3	Screw - Cap, Hex. Hd.	25 37 7
256-244	Bushing	60 25 1	322-3	Screw - Cap, Hex. Hd.	40 9 2
256-251	Bushing	8 22 2	322-3	Screw - Cap, Hex. Hd.	55 21 2
256-300	Bushing - Flange	67 12 1	322-3	Screw - Cap, Hex. Hd.	59 22 1
257-5	Washer - Steel	47 10 2	322-3	Screw - Cap, Hex. Hd.	64 6 2
257-5	Washer - Steel	69 10 1	322-4	Screw - Cap, Hex. Hd.	15 22 2
257-10	Washer	66 47 2	322-4	Screw - Cap, Hex. Hd.	26 33 7
281-1	Plug - Oil	16 43 1	322-5	Screw - Cap, Hex. Hd.	47 43 2
281-2	Plug - Pipe	59 37 1	322-5	Screw - Cap, Hex. Hd.	8 19 1
282-2	Yoke	2 51 4	322-5	Screw - Cap, Hex. Hd.	26 41 1
282-2	Yoke	5 46 2	322-5	Screw - Cap, Hex. Hd.	45 52 2
283-1	Pin - Clevis	2 52 4	322-5	Screw - Cap, Hex. Hd.	60 12 4
283-1	Pin - Clevis	5 45 2	322-6	Screw - Cap, Hex. Hd.	25 16 1
283-8	Pin - Clevis	1 31 2	322-6	Screw - Cap, Hex. Hd.	26 10 4

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
322-9	Screw - Cap, Hex. Hd.	25 49 1	3241-2	Screw - Set, Sq. Hd.	26 13 2
322-9	Screw - Cap, Hex Hd.	54 18 6	3241-6	Screw - Set, Sq. Hd.	27 51 2
322-14	Screw - Cap, Hex. Hd.	16 63 3	3242-1	Screw - Cap, Hex. Hd.	11 45 1
322-23	Screw - Cap, Hex. Hd.	55 16 2	3243-13	Screw - Set, Sq. Hd.	44 13 4
323-2	Screw - Mach. Hex Hd.	44 20 1	3245-1	Screw - Set	55 11 2
323-2	Screw - Machine, Hex Hd.	46 22 1	3245-7	Screw - Set	53 4 6
323-6	Screw - Cap, Hex. Hd.	23 13 4	3246-2	Screw - Set	46 20 2
323-6	Screw - Cap, Hex. Hd.	58 37 2	3246-2	Screw - Set	68 17 2
323-7	Screw - Cap, Hex Hd.	46 9 2	3249-3	Screw - Round Hd.	47 32 11
323-7	Screw - Cap, Hex Hd.	54 3 6	3249-3	Screw - Round Head	45 50 11
323-7	Screw - Cap, Hex. Hd.	68 8 2	3250-28	Screw - Cap, Round Hd.	14 16 2
323-8	Screw - Cap, Hex. Hd.	26 4 2	3250-36	Screw - Pan Head	23 27 4
323-9	Screw - Cap, Hex. Hd.	24 61 2	3253-3	Washer - Lock	22 57 4
323-10	Screw - Cap, Hex Hd.	1 14 4	3253-3	Washer - Lock	44 30 2
323-11	Screw - Cap, Hex. Hd.	26 32 4	3253-3	Washer - Lock	47 36 2
323-11	Screw - Cap, Hex. Hd.	59 20 2	3253-3	Washer - Lock	53 6 6
323-12	Screw - Cap, Hex. Hd.	25 18 2	3253-3	Washer - Lock	59 28 4
323-13	Screw - Cap, Hex. Hd.	25 33 2	3253-3	Washer - Lock	64 11 2
323-15	Screw - Cap, Hex. Hd.	59 19 1	3253-4	Washer - Lock	1 28 5
323-20	Screw - Cap, Hex. Hd.	12 66 4	3253-4	Washer - Lock	5 40 1
324-6	Screw - Cap, Hex. Hd.	58 9 2	3253-4	Washer - Lock	8 38 2
324-6	Screw - Cap, Hex. Hd.	59 24 2	3253-4	Washer - Lock	11 21 2
324-7	Screw - Cap, Hex. Hd.	26 9 4	3253-4	Washer - Lock	25 14 8
324-13	Screw - Cap, Hex. Hd.	58 21 2	3253-4	Washer - Lock	40 8 2
324-25	Screw - Cap, Hex. Hd.	47 14 1	3253-4	Washer - Lock	53 13 6
324-25	Screw - Cap, Hex. Hd.	69 14 1	3253-4	Washer - Lock	60 11 4
325-7	Screw - Cap, Hex. Hd.	11 44 1	3253-4	Washer - Lock	64 14 4
325-8	Screw - Cap, Hex. Hd.	11 11 1	3253-4	Washer - Lock	66 29 2
325-11	Screw - Cap, Hex. Hd.	5 10 8	3253-4	Washer - Lock	66 38 1
329-1	Screw - Cap, Hex. Hd.	58 12 4	3253-7	Washer - Lock	44 16 2
3211-1	Screw - Cap, Hex. Hd.	9 53 2	3253-12	Washer - Lock	14 23 5
3211-3	Screw - Cap, Hex. Hd.	58 19 2	3253-12	Washer - Lock	66 27 3
3216-16	Screw - Cap, Hex. Hd.	12 50 1	3253-15	Washer - Lock	14 15 2
3217-5	Nut - Hex.	59 29 4	3253-21	Washer - Lock	2 77 8
3217-5	Nut - Hex.	61 13 2	3253-21	Washer - Lock	24 66 2
3217-6	Nut - Hex.	25 15 1	3253-29	Washer - Lock	26 5 2
3217-6	Nut - Hex.	53 14 6	3254-1	Washer - Lock, Int. Tooth	14 26 1
3217-6	Nut - Lock	39 1 4	3254-2	Washer - Lock	55 20 2
3217-7	Nut - Hex	19 33 3	3254-2	Washer - Lock, Int. Tooth	26 35 1
3217-7	Nut - Hex.	58 16 2	3254-6	Washer - Lock	9 54 2
3217-8	Nut - Hex.	58 29 2	3254-6	Washer - Lock	24 69 2
3217-8	Nut - Hex.	59 33 2	3254-6	Washer - Lock	44 35 2
3217-9	Nut - Lock	44 17 2	3254-6	Washer - Lock	46 13 2
3217-26	Nut	14 27 1	3254-6	Washer - Lock	47 35 2
3218-1	Nut - Jam	25 21 1	3254-6	Washer - Lock, Ext. Tooth	58 18 4
3218-2	Nut - Jam	54 12 6	3254-6	Washer - Lock, Int. Tooth	27 52 1
3218-2	Nut - Jam	55 5 2	3254-6	Washer - Lock, Int. Tooth	59 27 4
3218-5	Nut - Jam	41 12 1	3254-6	Washer - Lock, Int. Tooth	64 9 2
3218-17	Nut - Nut	59 10 1	3254-8	Washer - Lock	44 38 4
3219-1	Nut - Hex	44 39 4	3254-8	Washer - Lock	47 39 4
3219-1	Nut - Hex	47 38 4	3255-7	Washer - Lock, Ext. Tooth	58 11 4
3219-2	Nut - Hex.	71 6 1	3255-8	Washer - Lock	45 53 2
3219-4	Nut	68 1 1	3255-8	Washer - Lock	47 42 2
3219-5	Nut - Jam	41 2 1	3255-8	Washer - Lock, Int. Tooth	71 9 1
3219-14	Nut - Hex	45 * 1	3255-9	Washer - Lock	44 44 4
3219-14	Nut - Hex	46 * 1	3255-9	Washer - Lock	46 30 4
3219-18	Nut - Hex.	70 2 1	3255-9	Washer - Lock	58 36 2
3220-2	Nut - Jam	2 53 4	3255-16	Washer - Lock	59 32 2
3220-2	Nut - Jam	5 22 2	3255-16	Washer - Lock, Ext. Tooth	58 8 2
3220-2	Nut - Jam	8 2 2	3255-16	Washer - Lock, Int. Tooth	26 18 1
3220-3	Nut - Jam	2 69 6	3256-1	Washer - Flat	9 71 3
3220-6	Nut - Hex ,Jam	47 2 2	3256-2	Washer - Flat	53 5 6
3220-6	Nut - Hex. Jam	69 2 2	3256-2	Washer - Flat	62 6 24
3220-6	Nut - Jam	4 15 1	3256-3	Washer - Flat	3 86 1
3220-6	Nut - Lock	54 19 6	3256-3	Washer - Flat	9 52 2
3220-18	Nut - Jam	58 30 2	3256-3	Washer - Flat	23 14 4
3229-22	Bolt - Carriage	3 90 2	3256-3	Washer - Flat	25 30 6
3230-5	Bolt - Carriage	64 1 2	3256-3	Washer - Flat	58 24 4
3230-23	Bolt - Carriage	53 2 6	3256-4	Washer - Flat	59 13 2
3233-26	Bolt - Carriage	45 46 2	3256-14	Washer - Flat	14 2 4
3234-1	Screw - Hex. Flange Hd.	8 9 4	3256-22	Washer - Flat	16 39 2
3234-13	Screw - Hex. Flange Hd.	5 20 4	3256-22	Washer - Flat	23 24 3

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3256-22	Washer - Flat	45	47	4	3290-379	Tie - Cable	37	27	2
3256-22	Washer - Flat	46	41	4	3290-409	Rivet - Pop	25	25	10
3256-22	Washer - Flat	58	10	4	3290-480	Washer - Belleville	67	9	2
3256-22	Washer - Flat	68	29	4	3295-46	Rivet	46	33	13
3256-23	Washer - Flat	9	59	1	3295-46	Rivet	68	23	13
3256-23	Washer - Flat	11	20	6	3296-2	Nut - Lock	14	31	1
3256-23	Washer - Flat	15	21	2	3296-4	Nut - Lock	9	65	2
3256-23	Washer - Flat	25	13	7	3296-4	Nut - Lock	65	21	3
3256-23	Washer - Flat	26	11	4	3296-9	Nut - Lock	45	48	11
3256-23	Washer - Flat	44	32	2	3296-9	Nut - Lock	47	28	11
3256-23	Washer - Flat	47	26	2	3296-16	Nut - Lock	2	80	3
3256-23	Washer - Flat	55	15	2	3296-16	Nut - Lock	5	43	3
3256-24	Washer	27	67	6	3296-16	Nut - Lock	9	72	1
3256-24	Washer - Flat	2	57	10	3296-16	Nut - Lock	11	33	1
3256-24	Washer - Flat	9	51	4	3296-16	Nut - Lock	16	40	4
3256-24	Washer - Flat	12	65	4	3296-16	Nut - Lock	23	21	5
3256-24	Washer - Flat	23	28	6	3296-16	Nut - Lock	25	22	1
3256-24	Washer - Flat	40	32	1	3296-23	Nut - Lock	5	25	8
3256-24	Washer - Flat	46	6	4	3296-25	Nut - Lock	11	6	2
3256-24	Washer - Flat	54	5	12	3296-29	Nut - Lock	9	49	2
3256-24	Washer - Flat	58	35	2	3296-29	Nut - Lock	11	34	4
3256-24	Washer - Flat	67	15	1	3296-29	Nut - Lock	25	45	1
3256-24	Washer - Flat	68	5	4	3296-29	Nut - Lock	26	14	4
3256-24	Washer - Flat (LH Side)	66	17	1	3296-29	Nut - Lock	26	34	8
3256-25	Washer - Flat	47	15	1	3296-29	Nut - Lock	44	31	2
3256-25	Washer - Flat	69	15	1	3296-29	Nut - Lock	47	27	2
3256-26	Washer - Flat	2	48	2	3296-29	Nut - Lock	55	6	2
3256-26	Washer - Flat	5	32	1	3296-39	Nut - Lock	23	25	2
3256-26	Washer - Flat	8	42	1	3296-39	Nut - Lock	44	18	2
3256-49	Nut - Lock	14	24	6	3296-39	Nut - Lock	46	5	6
3256-74	Washer - Flat	66	3	1	3296-39	Nut - Lock	54	6	12
3258-19	Screw - Round Head	38	4	2	3296-39	Nut - Lock	59	12	3
3272-4	Pin - Cotter	8	23	1	3296-39	Nut - Lock	67	16	1
3272-6	Pin - Cotter	2	50	4	3296-39	Nut - Lock	68	4	4
3272-6	Pin - Cotter	5	47	2	3296-42	Nut - Lock	5	9	8
3272-11	Pin - Cotter	1	23	3	3296-42	Nut - Lock	44	29	2
3272-11	Pin - Cotter	8	43	1	3296-42	Nut - Lock	46	31	2
3272-11	Pin - Cotter	11	26	1	3296-42	Nut - Lock	68	22	2
3272-12	Pin - Cotter	2	49	1	3296-44	Nut - Lock	55	14	2
3272-12	Pin - Cotter	5	33	1	3296-47	Nut - Lock	59	15	1
3272-37	Pin - Cotter	40	14	1	3296-47	Nut - Lock	64	2	4
3274-4	Pin - Cotter	40	30	2	3296-48	Nut - Lock	26	6	4
3274-12	Screw - Cap, Hex. Hd.	11	29	4	3296-49	Nut - Lock	66	16	2
3274-13	Screw - Cap, Soc. Head	66	28	3	3296-50	Nut - Lock	40	29	1
3274-15	Screw - Fillister Hd.	19	43	2	3296-56	Nut - Lock	63	8	2
3274-19	Screw - Set	15	38	2	3296-59	Nut - Lock	2	58	4
3274-22	Screw - Cap, Hex. Soc.	66	37	1	3296-59	Nut - Lock	9	50	4
3274-42	Screw - Set Hex Socket	63	18	1	3296-59	Nut - Lock	25	31	4
3274-52	Screw - Hex, Socket Hd.	21	45	6	3296-59	Nut - Lock	26	36	4
3274-52	Screw - Hex, Socket Hd.	19	20	4	3296-60	Nut - Lock	46	25	1
3274-70	Screw - Hex, Socket Hd.	19	1	2	3296-60	Nut - Lock	65	8	2
3274-84	Screw - Cap, Hex. Hd.	22	58	4	3296-60	Nut - Lock	68	18	1
3274-86	Screw - Cap, Soc. Hd.	66	46	2	3296-60	Stop Nut	44	23	1
3284-3	Pin - Groove	23	39	1	3296-62	Nut	65	20	1
3289-19	Screw - Flat Hd. Socket	66	26	2	32104-76	Screw - Acorn Washer Hd.	14	17	6
3289-21	Screw - Hex. Soc. Fl. Hd.	65	15	3	32104-76	Screw - Self Tapping	11	32	5
3290-55	Rivet - Pop	25	27	8	32105-1	Screw - Cap, Hex. Hd.	14	29	1
3290-125	Screw - Set	44	15	2	32105-8	Screw - Machine	24	59	6
3290-125	Screw - Set	54	11	12	32105-8	Screw - Round Head	14	19	2
3290-221	Washer - Spring	2	59	1	32107-11	Nut	38	7	2
3290-238	Washer - Lock	55	2	2	32108-20	Screw - Flat Head	45	54	2
3290-271	Rivet	25	3	2	32108-20	Screw - Mach. Flat Hd.	64	3	2
3290-271	Rivet - Pop	66	13	2	32108-20	Screw - Machine, Flat Hd.	47	40	2
3290-317	Washer - Spring	2	75	6	32108-100	Screw - Flat Head	5	12	3
3290-334	Washer - Lock, Pyramidal	58	28	2	32110-13	Screw - Set	67	13	2
3290-378	Tie - Cable	12	58	6	32120-3	Ring - Snap	54	13	6
3290-378	Tie - Cable	16	69	12	32120-8	Ring - Retaining, Internal	4	11	1
3290-378	Tie - Cable	24	62	4	32120-18	Ring - Retaining	66	42	1
3290-378	Tie - Cable	27	58	10	32120-76	Ring - Snap	63	10	2
3290-378	Tie - Cable	40	2	2	32120-77	Ring - Retaining	58	7	1
3290-378	Tie - Cable	63	24	3	32121-4	Pin - Roll Slotted	63	3	2
3290-379	Tie - Cable	23	23	3	32121-6	Pin - Roll	1	1	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
32121-6	Pin - Roll	8 11 1	340-132	Fitting - Hydraulic	40 6 2
32121-15	Pin - Roll	66 9 2	340-137	Fitting - Hydraulic	12 53 4
32121-16	Pin - Roll	59 31 4	351-78	Edging	11 23 2
32121-35	Pin - Roll	1 12 8	351-79	Clip - Seat	11 15 6
32121-45	Pin - Roll	1 3 3	351-80	Clip - Seat	11 25 1
32121-45	Pin - Roll	11 38 1	351-81	Shell - Seat	11 14 1
32121-45	Pin-Roll	8 7 2	352-284	Bearing	60 5 1
32122-2	Screw - Truss Hd.	46 * 1	353-301	Poppet	19 27 1
32122-2	Screw - Truss Head	68 1	353-302	O-Ring	19 10 3
32122-22	Screw - Truss Head	45 * 1	353-302	O-Ring	21 7 3
32122-35	Screw - Truss Hd.	71 8 1	353-302	O-Ring	61 1 2
32122-53	Screw - Phillips Hd.	14 13 2	353-303	Backup Seal	61 2 4
32128-20	Nut - Lock, Flange	9 63 1	353-303	Ring - Backup	19 9 6
32128-20	Nut - Lock, Flange	38 13 4	353-303	Ring - Backup	21 8 6
32128-20	Nut - Lock, Flange	71 3 1	353-304	Spring	19 28 1
32128-20	Nut - Lock, Flange Hd.	15 19 3	353-305	O-Ring	19 8 4
32128-25	Nut - Hex. Flange	64 7 2	353-305	O-Ring	21 5 5
32128-36	Nut - Flange	65 1 2	353-305	O-Ring	61 4 2
32128-36	Nut - Lock, Flange	46 40 2	353-306	Ring - Backup	19 7 4
32128-36	Nut - Nut, Flange	45 57 2	353-306	Ring - Backup	21 4 5
32136-4	Nut - Castle	41 14 2	353-306	Washer - Backup	61 5 2
32136-4	Nut - Slotted	40 33 2	353-328	Washer - Shim	19 15 A/R
32136-9	Nut - Castle	40 13 1	353-328	Washer - Shim	21 32 A/R
32141-111	Nut - Lock, Flange Hd.	3 89 1	353-329	Washer - Shim	19 16 A/R
32144-1	Screw - Thread Forming	14 28 2	353-329	Washer - Shim	21 33 A/R
32144-1	Screw - Thread Forming	23 5 2	353-330	Washer - Shim	19 17 A/R
32144-14	Screw - Cap, Hex. Hd.	25 50 1	353-330	Washer - Shim	21 34 A/R
32144-14	Screw - Hex. Flange Hd.	9 74 9	353-331	O-Ring	19 29 1
32144-21	Screw - Fillister Head	11 3 1	353-334	Cap - Relief	19 19 2
32144-34	Screw	15 34 6	353-334	Cap - Relief	21 36 2
32144-73	Screw - Round Hd.	44 5 5	353-374	Fitting - 90° Adjustable El.	49 7 1
32144-73	Screw - Self Tapping	46 36 5	353-374	Fitting - 90° Adjustable El.	50 9 1
32144-73	Screw - Self Tapping	68 25 5	353-374	Fitting - 90° Adjustable El.	51 7 2
32149-7	Nut - KEPS	24 54 6	353-384	Fitting - Straight	50 8 1
32149-7	Nut - Lock	14 20 2	353-392	Seal - Relief Poppet PTFE	19 13 2
32151-29	Ring - Retaining	60 6 1	353-392	Seal - Relief Poppet PTFE	21 30 2
32151-35	Ring - Retaining	60 21 1	353-398	Spring	21 35 1
32151-41	Ring - Retaining	18 9 1	353-417	Collar Spring	19 40 2
32151-44	Ring - Retaining	59 5 1	353-417	Collar Spring	21 20 2
32151-101	Ring - Retaining	25 26 2	353-481	Plug - Load Check	19 5 3
32152-2	Nut - Lock	65 12 2	353-481	Plug - Load Check	21 2 3
32152-2	Nut - Lock	66 45 2	353-484	Check	61 3 2
32152-4	Nut - Lock	57 3 4	353-503	Shutoff Valve Set	61 7 1
32152-4	Nut - Lock	56 3 4	353-529	Plate Seal	21 22 1
32152-7	Nut - Lock	41 4 1	353-530	Spring	19 41 1
32152-10	Nut	10 2 2	353-530	Spring	21 23 1
32152-10	Nut-Lock	4 3 1	353-531	Poppet Assembly	21 31 2
32153-4	Nut - Lock	62 3 36	353-531	Poppet Assy.	19 14 2
32153-7	Nut - Lock	54 10 6	353-550	Plug Assembly	21 13 1
340-1	Fitting - Hydraulic	26 1 1	353-559	Retainer - Boot	19 22 2
340-1	Fitting - Hydraulic Straight	17 82 1	353-559	Retainer - Boot	21 47 3
340-2	Fitting - Hydraulic	26 3 3	353-560	Washer - Breather	19 23 2
340-3	Fitting - Hydraulic	16 53 1	353-560	Washer - Breather	22 48 3
340-6	Fitting - Hydraulic	27 54 1	353-564	Fitting - Hydraulic	15 27 2
340-7	Fitting - Hydraulic	15 14 1	353-575	Boot - Dust Cap	19 21 2
340-11	Fitting - Hydraulic	15 16 1	353-575	Boot - Dust Cap	21 46 3
340-14	Fitting - Hydraulic	5 15 4	353-579	Spring	19 45 1
340-16	Fitting - Hydraulic	15 5 1	353-586	Bearing - Needle	18 13 4
340-18	Fitting - Hydraulic	15 13 1	353-588	Cover - Motor	18 3 1
340-19	Fitting - Hydraulic	15 18 1	353-591	Block - Anti-Extrusion	18 8 1
340-77	Fitting - Hydraulic	16 51 4	353-592	Drive Shaft Assembly	18 16 1
340-87	Fitting - Hydraulic	16 58 1	353-593	Idle Gear Assembly	18 7 1
340-89	Elbow - 45°	63 6 2	353-594	Seal Assembly	18 14 1
340-92	Fitting - Straight	1 17 1	353-595	Plate - Wear	18 15 1
340-96	Fitting - Hydraulic	15 7 1	353-596	O-Ring	18 17 1
340-98	Fitting - Hydraulic	16 59 2	353-597	Bridging - Insert	18 5 1
340-101	Fitting - Hydraulic	15 17 1	353-598	Gasket - Insert	18 6 1
340-101	Fitting - Hydraulic	16 52 1	353-599	Pin - Dowel	18 4 2
340-103	Fitting - Hydraulic	8 30 2	353-600	Washer	18 2 4
340-104	Tee - Swivel Run	63 21 1	353-601	Screw - Hex Socket Hd.	18 1 4
340-105	Elbow - 90° Adjustable	63 11 2	353-642	Relief - RC Mod.	20 * 2
340-110	Fitting - Hydraulic 90°	17 80 1	353-642	Relief - RC Mod. Assembly	22 * 1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
353-664	Ball	52 22 2	353-897	Washer-Seal	52 11 1
353-668	Plate - Cap, Cover RH	21 11 1	353-899	Cup - Seal	52 13 1
353-707	Fitting	23 26 1	353-900	Flange - Mounting	52 17 1
353-721	Plug	19 35 2	353-904	Shaft	52 19 1
353-727	Bonnet	19 2 1	353-905	Screw	52 18 4
353-728	Sleeve	20 49 1	353-906	Spring	52 10 1
353-729	Spud - Detent	19 3 1	353-907	Ring - Retaining	52 6 3
353-730	Spring	21 42 1	353-909	Element - Gerotor	52 25 1
353-731	Ball	21 43 1	353-910	Bearing - Needle	52 8 2
353-732	Sleeve - Detent	20 52 1	353-911	Plug	52 20 2
353-733	Spacer - Bonnet	19 4 1	353-912	Spring - Conical	52 21 2
353-733	Spacer - Bonnet	21 19 2	353-913	Bearing & Seal Kit	52 * 1
353-758	Seal - O-Ring	19 31 1	353-914	O-Ring	52 3 1
353-760	Body Relief	19 30 1	353-922	Seal - Ring	39 23 10
353-763	Cap - Adjustment	19 44 1	353-923	Bearing Plate Assembly	39 26 2
353-765	Disc - Seal	22 52 1	353-933	Coupling	49 5 2
353-766	Relief WH (2000) PSI Assy.	20 * 1	353-933	Coupling	50 6 2
353-768	Section #1 Complete	20 * 1	353-933	Coupling	51 6 2
353-770	Section #3 Assembly	22 * 1	353-934	Coupling	49 3 2
353-772	Left End Cover	19 34 1	353-934	Coupling	50 4 2
353-777	Body - Motor	18 12 1	353-934	Coupling	51 4 2
353-780	Bonnet - R. Detent	19 42 1	353-952	Ring - Backup	19 32 1
353-780	Positioner - R. Detent (Out)	20 * 1	353-953	Plug Assembly	22 54 1
353-780	Spud - Detent Out	20 50 1	353-957	Seal - Lip	19 26 4
353-783	Fitting - Straight	23 50 1	353-957	Seal - Lip	21 15 6
353-808	Collar - Spring	21 24 1	353-958	Ring - Backup	19 25 4
353-829	Collar Spool	21 26 1	353-958	Ring - Backup	21 16 6
353-830	O-Ring	21 25 1	353-959	Plate - Seal Retainer	19 24 4
353-831	Spring	21 21 1	353-959	Plate - Seal Retainer	21 18 6
353-833	Positioner Assembly	22 * 1	353-961	Adapter - Flange	15 31 1
353-834	Section #5 Assembly	22 * 1	353-962	Cap & Chain Assembly	15 33 1
353-835	Seals - Section Set	20 * 1	353-963	Gasket	15 36 2
353-835	Seals - Section Set	22 * 1	353-964	Gear - 66B	39 21 1
353-837	Section #2 Complete	20 * 1	353-967	Gear - 33B	39 24 6
353-839	Positioner - DI (SPL) Assy.	20 * 1	353-969	Plate - Gear 33B	39 25 3
353-840	Position - DI (SP) Assy.	22 * 1	353-971	Plate - Gear 66B	39 14 1
353-841	Position - Spool Assembly	22 * 1	354-1	Shaft - Drive	39 20 1
353-844	Plus Series	22 55 1	354-2	Body Assembly	39 15 1
353-845	Sleeve - Detent	21 41 1	354-3	Bearing Plate Assembly	39 22 1
353-846	Spud - DI (SPL)	21 40 1	354-4	Bearing Plate Assembly	39 28 1
353-847	Bonnet (SPL)	21 38 1	354-5	Adapter - Splined	39 27 1
353-848	O-Ring	21 14 1	354-6	Plate - Gear 18B	39 30 1
353-849	Sleeve	21 39 1	354-7	Cover Assembly	39 31 1
353-850	O-Ring	22 56 1	354-8	Drive Shaft - Gear Assy.	39 29 1
353-850	O-Ring	52 2 1	354-9	Idler Shaft - Gear Assy.	39 5 1
353-851	Body - Relief CP-RC Mod.	19 12 1	354-10	Idler Shaft - Gear Assy.	39 12 1
353-851	Body - Relief CP-RC Mod.	21 29 2	354-11	Pin - Dowel	39 4 2
353-853	Bolt - Hex Hd.	21 10 3	354-12	Pin - Dowel	39 6 2
353-854	Boot - Spool Assembly	20 * 2	354-13	Pin - Dowel	39 11 4
353-854	Boot - Spool Assembly	22 * 3	354-14	Pin - Dowel	39 13 2
353-855	Spring	19 18 2	354-15	Seal - Shaft	39 17 1
353-855	Spring	21 44 1	354-16	Washer - Lock	39 2 4
353-884	Key - Woodruff	39 19 4	354-17	Stud - Threaded	39 3 4
353-886	Ring - Retaining	39 18 2	354-25	Section #4 Assembly	22 * 1
353-891	Body	52 27 1	354-26	Bonnet	21 27 2
353-892	Screw - 12 Pt.	52 1 4	354-28	Screw - Hex, Socket Hd.	21 28 2
353-893	Pin - Drive	52 24 1	354-29	Plate - Thrust	20 48 1
353-894	Pin - Dowel	52 26 2	354-35	Gasket	39 32 1
353-895	Cover	52 7 1	354-122	Spool #4	22 53 1

*Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit which is not reflected in your manual see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND NUMBERS

The Greensmaster 3000-D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Greensmaster 3000-D supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer supply the following information:

1. Model and serial number of the Greensmaster 3000-D.
2. Part number description and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

TABLE OF CONTENTS

Description	Page	Description	Page
Foot Pedals and Roller Assembly	1-3	Electrical Schematic	43
Hydraulic Cylinder No. 84-8290	4	Cutting Unit Assembly	
Wheel and Brake Assembly	5-6	Model No. 04405 & 04408	44-45
Hydraulic Drive Motor No. 66-5292	7	Cutting Unit Model No. 04450 (11 Blade)	46
Frame Assembly	8-9	Cutting Unit Model No. 04468 (8 Blade)	46
Rear Hydraulic Cylinder No. 83-7230	10	Bedbar & Scraper Comb Assembly	
Steering and Seat Assembly	11-12	(Cutting Unit's Model No. 04450 & 04468) ..	47
Power Steering Valve No. 58-3951	13	Cutting Unit Roller Options	48
Instrument and Panel Assembly	14	Backlapping Kit No. 63-4960 (Optional)	49-52
Valve Bank & Hydraulic Reservoir Assy. ...	15-17	Quick Height-Of-Cut Kit No. 29-5910	
Reel Motor No. 70-9800	18	(Optional) (04405 and 04408)	53
Control Valve Assembly No. 84-2200		Quick Height-Of-Cut Single Point Adjust	
Section 1 and 2	19-20	Kit Model No. 04451 (Optional)	54
Control Valve Assembly No. 84-2200		Variable Quick Height-Of-Cut	
Section 3 thru 5	21-22	Kit No. 24-9400 (04405 & 04408)	
Gas Tank & Battery Assembly	23-24	(Optional)	55
Radiator & Grille Assy.	25	Roller Scraper Kit	
Engine Installation Assy.	26-27	No. 42-4820 (04405 & 04408) (Optional) ...	56
Water Pump Assy.	28	Roller Scraper Kit	
Alternator Assy.	29	No. 53-9240 (Optional) (04405 & 04408) ...	57
Crankcase Assy.	30	Thatching Reel Attachment	
Fuel Supply & Engine Block Assy.	31	Model No. 04416 (Optional)	58
Valves & Crankshaft Assy.	32	Spiker Attachment Model No. 04420	
Camshaft Assy.	33	(Optional)	59-60
Cylinder Head Assy.	34	Reel Shut-Off Kit No. 28-2150 (Optional)	61
Governor Assy.	35	Basket Reinforcement	
Fuel Injection Pump Assy.	36	Kit No. 26-0900 (Optional)	62
Starter Assy.	37	Variable Traction Control Kit	
Air Cleaner Assy.	38	Model No. 04422 (Optional)	63
Hydraulic Pump Assy.	39	8 & 11 Blade Cutting Units w/Groomer	
Rear Wheel Assy.	40	Model No. 04460 & 04465)	64-69
Hydraulic Steering Cylinder	41	Special Tools	70-71
Hydraulic System Assy.	42	Part Number Index	72-84

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